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Board of Trade Journal.

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In a notice on p. 624 will be found a description of the objects with which the Commercial Intelligence Branch of the Board of Trade was established in October, 1899, as well as particulars connected with the work of the Branch, more especially as regards the subjects on which information will be supplied as far as possible.

The principal publications of the Board of Trade will be found in a list facing p. 4 of the advertisements, and a list of the Annual and Miscellaneous Reports and the Treaty Series issued by the Foreign Office, and of the Reports issued by the Colonial Office, on pp. 621-3.

A note of specially interesting subjects dealt with in the Trade Report published by the Foreign Office since the last number of the "Board of Trade Journal" will be found on p. 620.

OPENINGS FOR BRITISH TRADE.

GOLD COAST COLONY.

Land at Tarkwa to be Sold by Public Auction.

The Commercial Intelligence Branch of the Board of Trade has received, through the Crown Agents for the Colonies, copy of a notice issued by the Colonial Secretary at Victoriaborg, Accra, to the effect that the Gold Coast Government propose to sell at Tarkwa on 22nd July next by public auction for the erection of stores, warehouses, &c., the leases of 50 plots of land in Tarkwa, all near to the railway, with frontages averaging 100 ft. and varying depths from 150 ft. to 250 ft.

Openings for British Trade.

The leases will be for a period of 50 years with ground rents as follows:—

Class A.—A ground rent of 24*l.* per annum will be charged for lots 11, 13 to 29 coloured blue on plan.

Class B.—A ground rent of 18*l.* per annum will be charged for lots 1 to 10, 12, 30, 31, 32, 38, 39, 40 and 46 coloured yellow.

Class C.—A ground rent of 12*l.* per annum will be charged for lots 33 to 37, 41 to 45 and 47 to 50 coloured green.

The Lessees shall conform to the following regulations:—

1. No building shall be erected upon any plot until plans and general specifications have been submitted to the Director of Public Works and approved by the Governor.

2. Every building shall have a tank attached to it for the collection of rain water of a capacity determined by the Director of Public Works according to the size and nature of the building.

3. No permanent or temporary shed, Kroo boy house or other structure shall be erected upon any part of a plot for the housing of native labourers.

4. No portion of the premises shall be sold, sublet or otherwise parted with without the permission of the Governor in writing, which will not be unreasonably withheld.

5. The Government do not hold themselves liable or responsible for any subsidence or disturbance of the surface of the ground whatever, whether caused by mining operations or otherwise or for any damage to any buildings erected on any of the lots, whether caused as aforesaid or not.

6. It is however intimated that all reasonable care will be taken in the mining operations within the Township, and that the Government may order periodical or other inspections of the mines in order to ensure that such due reasonable care is taken.

Plans of the lots may be seen during Office hours at the District Commissioner's Office, Tarkwa, the Director of Public Works' Office, Accra, the Assistant Engineer's Public Works' Office, Sekondi, and also at the Offices of the Crown Agents for the Colonies, Downing Street, S.W., and Tokenhouse Buildings, E.C.

EGYPT.

Tenders for Supplying and Fixing Book-cases, &c.

With reference to the notice published on p. 290 of the "Board of Trade Journal" of 15th ult., the Commercial Intelligence Branch of the Board of Trade has been notified by the Egyptian Public Works Department that the adjudication for the execution, supply and setting in place of book-case cupboards and iron frame glass cases for the Khedivial Library of the Arab Museum, Cairo, which was fixed for the 30th inst., is postponed to the 12th July next at 11 a.m.

Openings for British Trade.

EGYPT—*continued.*

Tenders for Widening the Ibrahimyah Canal between Deirut and Minia.

The Egyptian "Journal Officiel" of 16th inst. announces that tenders will be received at the office of the Chief of the Administrative Service, Ministry of Public Works, Cairo, up to 11 a.m. on the 15th September next, for widening the Ibrahimyah Canal between Deirut and Minia:—

The total cube of earthwork is about 1,950,000 cubic metres, of this quantity about 1,250,000 cubic metres can probably be removed by hand during the summer months, the remainder will have to be removed by dredgers working throughout the year. The above figures are only given as a rough indication of the relative amounts of each class of work to be done, and contractors must satisfy themselves by a study of the cross-sections, and the summer levels in the canal, what proportion of the work it would be safe to estimate as hand-work.

The work must be completed by 1st December, 1904. Hand-work could begin about 1st December, 1902, and dredging could commence a few months later.

Tenders must quote an all-round sum per cubic metre for removing the total cube of earth, by hand or by dredging, and depositing it on the canal banks or in spoil banks neatly dressed to a given type section.

Sections of the canal and specifications for the work can be consulted at the office of the Inspector of Irrigation, Projects Circle, Minia, on all days on which public offices are open, between the hours of 9 a.m. and 1 p.m.

Tenders should be written on stamped paper; they should be addressed to the Chief of the Administrative Service in the Ministry of Public Works, in Cairo, in a sealed envelope bearing the following inscription: "Tender for Widening the Ibrahimyah Canal between Deirut and Minia."

NORWAY.

Tenders for Telephone Cable and Battery Glass.

The Board of Trade have received, through the Foreign Office, a despatch from H.M. Consul-General at Norway, notifying that tenders will be received at the Norwegian State Telegraph Department, not later than noon on the 7th July, 1902, for the supply of 256-pair and 204-pair telephone cable and for Leclanché battery glass.

Specifications and conditions can be seen in the Technical Department of the Board of Telegraphs (Christiania), or at the

offices of the Telegraph Superintendents at Trondhjem, Bergen, Stavanger and Arendal, daily between the hours of 12 and 1.

Apart from the usual Customs duties, a preference of from 10 to 15 per cent. is given to native manufactures.

BELGIUM.

Tenders for Railway Construction.

The "Bulletin Commercial" (Brussels) of the 21st inst. announces that tenders will be opened at 11 a.m. on the 13th August by the National Company of Local Railways at 14, Rue de la Science, Brussels, for the construction of the section of the line from Nivelles to Bois-Seigneur-Isaac (on the Nivelles-Virginal-Braine l'Alleud line). The upset price of the work is 118,006 francs (4,720*l.*), and a deposit of 12,000 francs (480*l.*) is required.

Tenders must be addressed to the Director-General at the above address, where they will be received not later than 12th August. Plans, estimates, conditions of contract, &c. may be seen at the company's offices and at the office of M. Dartevelle, 18, Rue de Turquie, Saint-Gilles, Brussels, after the 15th July.

Conditions of contract may be obtained on payment of 1 franc (10*d.*).

FRANCE.

Agricultural Machinery.

H.M. Consul at Bordeaux, in his recent report, states that the amount of agricultural machinery imported into Bordeaux from the United States is seven times as great as that from the United Kingdom, whereas in 1896 the importation was fairly evenly divided between the two countries. United States manufacturers thoroughly study the requirements of the farmers and peasantry, and the nature of the country soil, and work to be done. Moreover, the Consul considers they appear to be able to put more strength into a lighter machine.

Floating Dock, &c.

The Consul also reports that two public works of considerable importance are under consideration. The first is a new floating dock, in continuation of that at present existing, and the lengthening of the quays on the Bastide side of the river; the other is a bridge with a suspended running carrier, which is pulled to and fro across the river by steam-power. There is, however, at present considerable difference of opinion as to where it should be placed. The bridge is the patent of Messrs. Arnodin and De Palacio, of Chateauneuf-sur-Loire, France. The ironwork of such a bridge is considerable, and ironmasters in the United Kingdom should endeavour to supply it when the contract for the erection of the bridge is decided on.

Ironwork for Bridge.

Openings for British Trade.

FRANCE—*continued.*

Room for Steamer Service between Liverpool and Bayonne.

The British Vice-Consul at Bayonne reports that it is observable from the Bayonne Custom-house statistics of imports that practically only a small quantity of general goods arrive from the United Kingdom. This must be attributed to the fact that no line of steamers has yet been started to trade between a port of the United Kingdom and Bayonne. All the British-made goods which are sold in the district are shipped *via* Bordeaux and other French ports, but with the heavy transhipping expenses, forwarding agents' charges and sundry expenses, it is extremely difficult for British manufacturers to compete with German and Belgian manufacturers who can forward goods direct from Antwerp to Bayonne by regular line of steamers between the two ports. The Vice-Consul adds that he has made a special study as to the possibility of running a steamer regularly between, say, Liverpool and Bayonne, and has every reason to believe that a small vessel suited for the trade would prove a success. The quantity of general cargo would at first be limited, but with the large quantities of phosphates which are now imported from Liverpool, a vessel could always fill up spare space with this class of goods. As regards the return voyage resin, resinous oils, turpentine, flour, fruit, cork, wool, timber, &c., would be the principal exports. Toulouse, which is one of the most important French industrial centres, would contribute, as the distance by rail is about the same to Bayonne as to Bordeaux, from which port all the goods are shipped.

Room for S.s. Service between La Pallice and London.

The British Vice-Consul at La Rochelle reports that it is a subject for regret that there is no regular British line of small cargo steamers plying between La Pallice and a port in the south of England, preferably London. With reasonable freight charges, much of the brandy now shipped from Tonnay-Charente should, with the present low railway tariffs, be easily attracted to La Pallice. This is increasingly the case each year, 8,000 tons of brandy having been shipped from La Pallice in 1901 for various countries, principally the United Kingdom.

It would be a matter of competing with the present French line of weekly steamers between La Pallice and Newhaven, which has a monopoly of the traffic.

The steamers of such a line should call regularly at least once a fortnight. There might be a loss on the first six months' running, but with reasonable freight charges, an extensive trade in farm and dairy produce, &c., from those parts of France should spring up.

Openings for British Trade.

FRANCE—*continued.*

Household Utensils, Preserves, &c.

The British Vice-Consul at Bayonne also reports that there is a good opening there for all kinds of household utensils, preserves, &c. Manufacturers who wish to increase their business would do well to see that their goods are shipped free on board in order to spare their French customers, as far as possible, the various vexatious charges of the shipping agents and clearance agencies. Their charges, wharfage, lighterage, &c., on a small case, valued at 5*l.*, often amount to 8*s.* or 10*s.* This being the state of things, merchants at Bayonne find it a great advantage to buy even British-made goods from German firms who have agreements and special rates from the railway and shipping companies, and deliver their goods at reasonable rates.

Cattle Food and Fertilisers.

The British Vice-Consul at Pau reports that cotton cake and other food for cattle might find a market there, if properly introduced and a satisfactory depôt established in the Department. English sulphate of copper is sold in small quantities, but always by the middleman. The artificial manures in general use are both poor and costly, coming by rail from Bordeaux, and not by sea to Bayonne, although at Accous and Lescar, not far from Pau, there are phosphate mines now in full work. Agricultural requisites, such as these, could be more easily pushed at Pau than elsewhere, owing to the number of co-operative agricultural societies in existence, the administration of which is less conservative than is the typical Béarnais peasant.

British Columbian Timber.

The British Vice-Consul at Tonnay-Charente reports that imports of wood for building purposes decreased to a large extent in 1901, contracts having been passed to be landed in other French ports.

There might be a good opening for this article from British Columbia if well carried on by pushing agents or good travellers. (*Foreign Office, Annual Series*, 2,817.)

House, Sanitary, and Other Fittings.

According to a report of the United States Consul at Nice, the municipality of that city has offered annual prizes for the construction of buildings there, public and private. Their fronts, their interior plans, their construction and the excellence of the materials, their sanitary systems, and their gardens facing public streets are all to be considered in awarding the prizes.

The building industry of Nice is in its infancy, as to heating, ventilation, and sanitation. In some of the newest buildings, the

Openings for British Trade.

FRANCE—*continued.*

arrangements are still of the most rudimentary kind. In one kitchen, the work is all of cement.

The Consul recommends manufacturers of articles of this description to seek an opening there by doing a direct trade with the port, instead of depending upon middlemen.

PORTUGAL.

Contract for Bridge Building.

Referring to the notice on p. 582 of the "Board of Trade Journal" of 26th December last, and to that on p. 390 of the "Journal" of 27th February last, it is to be noted that the "Diario do Governo" of 17th inst. contains an announcement that no contract was awarded on 30th ult. for the construction of bridges over the Douro at Pinhão and Pocinho, and that tenders are again called for, to be presented before midday on 2nd prox. and to be opened an hour later, for the construction of the Pinhão bridge according to the programme and table of requirements of 27th December last, which may be seen in the Secretariat of the Administrative Council of State Railways.

The plan for the Pocinho bridge is to be altered so that the construction of the avenues and masonry of the bridge may be made the subject of a separate contract from the construction of the metal spans and accessories.

Electric Light Installation and Accessories.

The "Diario do Governo" of 20th instant contains a notice that the plan approved by John Clark for the electric lighting of the city of Guimarães is open for inspection in the second division of the second department of the Directorate General of Posts and Telegraphs in Lisbon, for 15 days from the 20th instant, within which time any reclamations against its approval must be presented in the aforesaid department.

The "Diarios" containing the above may be seen at the Commercial Intelligence Branch of the Board of Trade, 50, Parliament Street, S.W., any day between the hours of 10 a.m. and 5 p.m.

SPAIN.

Tenders for Linoleum.

The "Gaceta de Madrid" of 20th inst. contains a notice calling for tenders, which will be opened 30 days from the date of the "Gaceta," simultaneously at the arsenal of Carraca and in the "Comandancia de Marina" of the province of Malaga, for the supply of 1,500 square metres of linoleum and 150 kilogs. of glue for the same,

required for the cruiser "Princesa de Asturias," at the upset price of 12,675 pesetas, or about 369*l.* A provisional deposit of 633·75 pesetas, or about 18*l.*, is required to qualify any tender. A statement of the conditions of the competition is on view in the secretariat of the arsenal and in the "Comandancia de Marina" of Malaga.

The "Gaceta" containing the above notice may be seen on application at the Commercial Intelligence Branch of the Board of Trade, 50, Parliament Street, S.W., any day between the hours of 10 a.m. and 5 p.m.

ITALY.

Tenders for American Pitch Pine.

The Board of Trade have received, through the Foreign Office, a despatch from H.M. Consul General at Genoa, notifying that sealed tenders will be received up to 11 a.m. on the 1st prox. for the supply to the Italian Navy of American pitch pine, of the estimated total value of 65,985 lire (about 2,573*l.*), to be delivered at the Royal Arsenals at Spezia, Naples, Venice and Taranto, and Castellamare dockyard.

Tenders will be opened simultaneously at the General Directorates of the Royal Arsenals at Spezia, Naples and Venice, a deposit of 6,600 lire (about 258*l.*) being required to qualify any tender.

A translation of the specification may be seen on application at the Commercial Intelligence Branch of the Board of Trade, 50, Parliament Street, S.W., any day between the hours of 10 a.m. and 5 p.m.

Tenders for different kinds of Metals.

A further despatch has been received at the Board of Trade, through the Foreign Office, forwarding a copy and translation of a notice calling for sealed tenders for the supply to the Italian Navy of different kinds of metals of the estimated total value of 40,000 lire (about 1,562*l.*), to be delivered at the Royal Arsenals at Spezia, Naples, Taranto, Venice and Castellamare.

Tenders will be opened at 11 a.m. on the 8th prox. at the General Directorates of the Royal Arsenals at Spezia, Naples and Venice. A sum of 4,000 lire (about 156*l.*) is required to qualify any tender.

A copy of the specification, together with a translation thereof, may be seen on application at the Commercial Intelligence Branch of the Board of Trade, 50, Parliament Street, S.W., any day between the hours of 10 a.m. and 5 p.m.

BRITISH TRADE ABROAD.

Constantinople.—The British Vice-Consul at Constantinople, in his recent report, writes as follows:—

"Suggestions have been made for the establishment in Constantinople of some kind of general commercial agency, where samples of British manufactures could be exhibited, and information and assistance obtained by firms at home and their travellers.

"The success of such an agency would depend entirely on the individual selected to manage it, and the experiment was tried by the Germans unsuccessfully not long ago. Failing such an establishment, the Consulate is in the best position to supply information, or to put inquirers in the way of obtaining it.

"The use of the Consulate for commercial intelligence appears to me to be one of the most practical services the Consulate can render to British trade; and the first and most emphatic suggestion I would make is that manufacturers should avail themselves more freely of this means of obtaining special information as to the market in Turkey."

Further on in his report the Vice-Consul writes:—

"An association of manufacturers at home to start a trading company in Turkey, with capable Englishmen to live out here and manage it, might be worth considering. Good men would be required; all depends on that. But once fairly started on business lines, such an enterprise ought to secure the cream of the trade throughout the country. It would command the confidence of manufacturers at home, as well as of native buyers here; and would naturally have the support of all British Consulates, which at present have too often to fight the doubtful battles of native merchants who claim protection for British goods.

"Commercial travellers are at a disadvantage in this country. They must rely to a great extent on commission agents as a medium with the native buyers, and agents who take orders on samples, are exposed to tricks on the part of their native clients for which they have no redress. A native will, for example, ask the agent to write and order certain special goods for him. When they arrive he refuses to take delivery, and demands a reduction in the price. The agent, who might not be able to dispose of the goods elsewhere, has to choose between yielding, and bringing a tedious and doubtful action in the mixed commercial court. A trading company with a stock of goods would have nothing of this sort to fear." (*Foreign Office, Annual Series*, 2,813.)

THE IRON AND STEEL INDUSTRY OF CANADA.

The following particulars relating to the iron and steel industry of Canada are extracted from an interesting article published in "Industrial Canada" (the organ of the Canadian Manufacturers' Association) for May last:—

After a struggle of more than a century it can be said at last that the iron and steel industry of Canada has both an existence and a future.

For a long time the iron ore resources of Canada were regarded as treasures of no value because ore and coal were not in juxtaposition. But investigation has shown that in all the four districts in Canada that can boast of iron ore supplies, the assemblage of the raw materials for iron and steel furnaces can be made at a lower cost than at Pittsburg, the cheapest centre in the United States. That is a fact not fully realised yet.

If one takes a map and draws a line from British Columbia on the west to St. John's, Newfoundland, on the east, the line will run through four well developed beds of ore of large quantity and of excellent quality, all capable of being mined very cheaply. They are related to the coal as follows:

1. For British Columbia, coal beds exist in the United States not far from Seattle, and in the Crow's Nest on the Canadian side.

2. On the northern shores of Lake Superior are large and pure beds such as the Helen Mine. They are being utilised by Mr. Clergue, by the Canada Iron Furnace Co., at Midland, and will be by the Cramp Ontario Steel Company who are erecting two coke furnaces with a daily capacity of 250 tons each at Collingwood. This district is full of promise. It is nearer the coal regions than Chicago, where many a large United States plant is situated. It has only to bring its coal from the Connelsville or Pittsburg district, a distance of, say, 210 miles by rail to Lorain or Cleveland. Both ports are equipped with modern coal-loading plants. A short water-haul equivalent to, say, 80 miles of rail-haul will connect with the mines. This basis, at one-fourteenth of a cent per mile, gives a freight cost of 1·97 dol., or 1·28 dol. lower than the Pittsburg standard.

3. In the Ontario district exist ores of great promise, within reasonable distance of United States coalfields. The Government admits coke free of duty, which is favourable to the iron manufacturer.

4. The crowning opportunity, however, is in Nova Scotia, where two strong companies—the Dominion Iron and Steel Company and the Nova Scotia Steel and Coal Company—have been established. The ore is drawn not only from Nova Scotia in close proximity to the coal, but also from the famous mines on Belle Island. The manufacturing is done at Sydney, and it is claimed the cost of producing pig-iron there is lower than any-

The Iron and Steel Industry of Canada.

where else in the world. Against the Pittsburg cost it represents a saving of 2·45½ dols. per ton. There is a further saving of 2 dols. a ton freight for export, Sydney being an ocean port. In Sydney pig iron can be made for 6 dols. a ton, steel blooms for less than 10 dols. a ton, and steel rails at about 12 dols.

The number of blast furnaces in Canada at the present time is 14 completed, four building and four projected. Of the completed furnaces, nine use coke, one uses coke and charcoal, and four use charcoal as fuel. Two of the four building furnaces will use coke and two will use charcoal. The annual capacity of built and building furnaces is 1,090,300 tons.

The following table shows the production of pig-iron in Canada since 1894:—

Year.	Quantity.
	Tons.
1894	44,791
1895	37,829
1896	60,030
1897	53,796
1898	68,756
1899	94,077
1900	86,090
1901	244,976

Although the production for 1901 is about three times as large as that for the year previous, the building of new plants now in progress ensures a much larger increase this and next year. The production in Canada is only 22 per cent. of the capacity, whereas in the United States it is 60 per cent. of the capacity.

The number of rolling mills and steel works in Canada is 18 completed and two building. Of these one makes steel in a special Bessemer converter, one makes Tropenas steel, while two standard Bessemer steel plants are being built. Four make open-hearth steel, and one open-hearth steel plant is being built. The annual capacity of built and building plant is: Standard Bessemer, Tropenas, and special Bessemer ingots and castings, 301,400 gross tons; open-hearth ingots and castings, 537,000 gross tons; total ingots and castings, 838,400 tons; rolled products, 981,900 tons. It is only in the past year or two that Canada's iron and steel exports have assumed any considerable proportions, but the industry has, it is said, just been put upon an export basis, and the probability is that it will be pushed in this direction, both in regard to pig-iron and steel.

The Iron and Steel Industry of Canada.

The following table shows the quantity and value of pig-iron exported since 1895: —

Year.	Quantity.	Value.
	Tons.	Dollars.
1895	259	6,202
1896	1,940	45,363
1897	2,627	65,555
1898	2,403	61,029
1899	2,188	50,767
1901	5,623	117,456

In the first eight months of the present fiscal year Canada has exported 68,669 tons of pig-iron, valued at 661,531 dols.

In 1897, the value of the total exports from Canada of "iron and steel and manufactures thereof," was valued at 1,397,195 dols.; in 1901, the value was 3,717,537 dols.

THE STATE OF RUSSO-PERSIAN TRADE.

Under date of 10th inst., the British Commercial Agent in Russia sends the following translation of an article which appeared in the "Moscow Viedomosti" of 28th May/10th June, received from its St. Petersburg correspondent:—

"Our manufacturers doing business with Persia have begun to receive of late very alarming news as to the condition of trade affairs in Persia. Thus one of the local manufacturers has received from his agent in Persia the following telegram:—

"The stagnation in business here is unprecedented, with the continual fall in the exchange of Persian tumans, reaching 1 rouble 70 copecks, while in the winter they were quoted at 1 rouble 80 copecks. The fall of the exchange of tumans nearly 5 per cent. has an enormous influence on Persian import trade, as this decline is reflected to a corresponding degree on the prices of goods, which are paid for in roubles, *i.e.*, all imported Russian goods. In cases where sellers hold out, Persian buyers firmly refuse receiving goods, entirely ignoring agreements concluded previously. The sugar trade at the present moment suffers more than others in Persia, as Persians demand abatements up to 10–12 copecks in the poud, pleading the corresponding fall in the exchange of tumans. Thanks to the intractability of Russian sellers many deals already arranged have of late been broken off. Our textile manufacturers are especially alarmed at this unfavourable turn of the Persian market, and this owing to the approach of the Nijni Novgorod Fair at which, up to the present, big business has been done with Persia."

TARIFF CHANGES AND CUSTOMS REGULATIONS.

UNITED KINGDOM.

Import Duties on Spirits and Glucose.

The Board of Trade are in receipt of a copy of a General Order (No. 36 of 1902), issued by the Commissioners of Customs on the 17th inst., conveying instructions to Customs officials with reference to the increased duties on imported spirits and glucose. The following is the text of the Order :—

"The following resolutions were proposed in the House of "Commons on the 16th inst.:—

"(1) That on and after the 17th June, 1902, the respective "duties of Customs on imported spirits be increased by 1*d.*

"(2) That on and after the 17th June, 1902, the duties of "Customs on imported glucose, imposed by section 2 of the "Finance Act, 1901, be, as respects solid glucose 3*s.* 3*d.*, and as "respects liquid glucose 2*s.* 6*d.*

"The increased duties are accordingly to be levied from this "date inclusive."

Import Duties on Corn and Meal.

A further General Order (No. 37 of 1902), issued by the Commissioners of Customs on the 18th inst., contains the following revised schedule of corn and grain duties, agreed upon in the House of Commons on the 16th inst. This schedule should consequently be substituted for that published at p. 505 of the "Board of Trade Journal" for the 12th inst.:—

PART I.

Wheat	*The cwt.* 3*d.*
Barley	
Oats	
Rye	
Maize	
Buckwheat	
Peas (not fresh)	
Beans (not fresh)	
Lentils	
Rice (other than whole and cleaned rice) ...	
Any offals* which are feeding stuffs and are proved to the satisfaction of the Commissioners of Customs not to contain more than 50 per cent. of starch	*The cwt.* 1½*d.*

* Bran, pollards, germ, husks, culms, dust, or other similar bye-products of the articles liable to the above-mentioned duty of 3*d.* per cwt.

Tariff Changes and Customs Regulations.

PART II.

Flour and the meal or milled products (other than offals liable to the above-mentioned duty of 1½*d.* per cwt.) of any of the articles mentioned in Part I. of this Schedule ...	
Starch	
Arrowroot	
Cassava powder and tapioca	*The cwt.* 5*d.*
Potato flour	
Sago	
Malt	
Pearled barley	
Rice (whole and cleaned)	

"Locust beans," which appeared in Part I. of the Schedule as previously published, are exempted from duty from the date of receipt of this Order by Officers of Customs.

Following on the insertion of the words "or milled products" in the first item of Part II. of the present Schedule, split peas and spllt lentils are to be charged with duty at the rate of 5*d.* the cwt.

AUSTRALIAN COMMONWEALTH—*continued.*

Federal Tariff Amendments (*continued*).

The following alterations in the rates of import duty as proposed in the Resolution originally introduced into the Commonwealth House of Representatives on the 8th October, 1901, are in continuation of the amendments which were noticed in last week's issue of the "Board of Trade Journal":—

Tariff Classification.	Original Proposed Rates.	Amended Rates.	Date from which Amendments came into Operation.
DIVISION VIII.—*Earthenware, Cement, China, Glass, and Stone.*			1902
Cement, Portland, plaster of paris, and other like preparations having magnesia or sulphate of lime as a basis, also gypsum, not prepared per cwt.	1*s.*	9*d.*	From Feb. 20
Earthenware, brownware, and stoneware, n.e.i., and tiles, n.e.i.	6*d.* per cub. ft. and 15% *ad val.*	20% *ad val.*	" " 20
Fire bricks for special use in reverberatory furnaces... ...	—	Free.	
Crucibles, scorifiers, roasting dishes, muffles, assay furnaces, and cupels	—	Free.	
Glass, viz.—			
Polished plate, n.e.i. per 100 super. ft.	—	10*s.*	
Sheet ... per 100 super. ft.	—	2*s.*	

Tariff Changes and Customs Regulations.

AUSTRALIAN COMMONWEALTH—*continued.*

Tariff Classification.	Original Proposed Rates.	Amended Rates.	Date from which Amendments came into Operation.
DIVISION VIII.—*Earthenware, Cement, China, &c.—cont.*			1902
Polished plate, each plate not exceeding 7 superficial feet per 100 super. ft.	—	5*s.*	From Apr. 12
Polished plate, each plate exceeding 7 superficial feet, and not exceeding 12 superficial feet (*a*)	—	7*s.* 6*d.*	„ „ 12
Bottles, empty, of not more than 5 fluid drams capacity	—	Free.	
Glassware, viz.—			
Empty wine and beer bottles *ad val.*	—	10 %	„ „ 16
Glassware, n.e.i.	8*d.* per cub. ft. and 15 % *ad val.*	20 % *ad val.*	„ Feb. 21
Glassware, viz.—			
Bottles over 5 fluid drams and not exceeding 9 fluid ozs. in capacity, when containing goods not subject to *ad val.* duty, except flasks containing spirits and bottles containing wine ... ... per doz.	—	2*d.*	„ Apr. 16
Screens, process engravers' ...	—	Free.	
Lithographic and emery stones ...	—	Free.	
Glue, not liquid ... ... per lb.	2*d.*	20 % *ad val.*	
Grindstones and millstones ...	Free.	20 „ „	
Stone, including marble and slate, viz.—			
Monumental, wrought ...	5*s.* per cub. ft. and 15 % *ad val.*	25 % *ad val.*	„ Feb. 21
Unwrought marble ...*ad val.*	—	10 %	
DIVISION IX.—*Drugs and Chemicals.*			
Carbide of calcium per cwt.	5*s.*	Free.	„ „ 26
Salicylic and boric acids; *sulphites* and bisulphites of potassium, sodium, calcium and magnesium; and foaming powders and liquids ... ...*ad val.*	—	20 %	
Insecticides, sheep-washes and disinfectants, n.e.i. ...*ad val.*	15 %	Free.	„ „ 26
Medicines, viz.—Patent and proprietary medicines, and other medicinal compounds, not chemical; medicinal extracts, essences, juices, infusions, solutions, and syrups; pills, pilules, tabloids, tablets, capsules, cachets, suppositories, plasters, poultices, salves, ointments, liniments, pastes, medicated confectionery, medicinal waters and oils, n.e.i.; and medicines for animals ... ...*ad val.*	25 „	15 %	„ „ 26

(*a*) Denomination not stated, but probably "per 100 superficial feet."

Tariff Changes and Customs Regulations.

AUSTRALIAN COMMONWEALTH—*continued.*

Tariff Classification.	Original Proposed Rates.	Amended Rates.	Date from which Amendments came into Operation.
DIVISION IX.—*Drugs and Chemicals—cont.*			1902
Opium—Medical preparation containing	—	30*s.* per lb. of opium contained therein when not dutiable at a higher rate under the heading of medicine.	
Unrefined glycerine ...*ad val.*	20 %	Free.	From Apr. 19
DIVISION X.—*Wood, Wicker, and Cane.*			
Undressed ash, oak and walnut ...	Free.	1*s.*; 1*s.* 6*d.* or 2*s.* 6*d.* per 100 sup. ft. according to size.	
Hickory spokes, dressed, 2 ins. and under in diameter	—	Free.	
Timber, undressed, being Oregon, in sizes of 12 in. by 6 in. (or its equivalent) and over per 100 super. feet	—	6*d.*	„ Feb. 28
Timber, undressed, n.e.i., of sizes less than 7 in. by 2½ in. (or its equivalent) per 100 super. ft.	2*s.* 6*d.*	1*s.* 6*d.*	„ „ 28
Pickets, undressed... per 100	2*s.*	1*s.*	„ „ 28
Wicker, bamboo, cane, or wood, manufactures of, viz.—			
Bamboo, clouded	—	Free.	
Wooden type, wooden type cases, and type cabinets and cases	—	„	
DIVISION XI.—*Jewellery and Fancy Goods.*			
Pencils and penholders of wood and metal clamps (not being gold or silver)	—	„	
School pen and pencil sets, in boxes	—	„	
Pocket compasses, except when mounted in gold or silver ...	—	„	
Patent logs and sounding machines	—	„	
Kinematograph films with pictures thereon	—	„	
Microscopes, telescopes, spectacles, except gold, silver, or plated ...	—	„	
DIVISION XII.—*Leather and Rubber.*			
Buckles, not being gold or silver, or gold or silver mounted ...	—	„	
Masticated and reclaimed rubber, india-rubber syringes, enemas, injection bottles, urinals, invalid beds (air and water) ...	—	„	

Tariff Changes and Customs Regulations.

AUSTRALIAN COMMONWEALTH—*continued.*

Tariff Classification.	Original Proposed Rates.	Amended Rates.	Date from which Amendments came into Operation.
DIVISION XII.—*Leather and Rubber—cont.*			1902.
Harness, saddles, leatherware, and whips—			
Minor articles for—			
Mountings, including hames, bits and stirrups, not gold or silver	—	Free.	
Boots and shoes, except partly or wholly of lasting or stuff, English sizes to be the standard, viz.—			
Men's sizes above 5	20*s.* per doz. pairs and 15 % *ad val.*	30 % *ad val.*	From Mar. 6
Youth's sizes above 1... ...	15*s.* per doz. pairs and 15 % *ad val.*	30 „ „	„ „ 6
Boys 7-1	10*s.* per doz. pairs and 15 % *ad val.*	30 „ „	„ „ 6
Women's sizes above 2 ...	15*s.* per doz. pairs and 15 % *ad val.*	30 „ „	„ „ 6
Girls' sizes above 10	12*s.* per doz. pairs and 15 % *ad val.*	30 „ „	„ „ 6
Girls' 7-10	9*s.* per doz. pairs and 15 % *ad val.*	30 „ „	„ „ 6
Slippers, leather	5*s.* per doz. pairs and 15 % *ad val.*	30 „ „	„ „ 6
Rubber sand shoes... ...*ad val.*	25 %	20 %	„ „ 6
Infants' boots, shoes, and slippers 0-6 ... ...*ad val.*	—	15 „	„ „ 6
Cloths made waterproof with india-rubber ... ...*ad val.*	20 %	15 „	„ „ 6
Canvas or tyre fabric made waterproof with india-rubber, outer tyre rubber, and inner tubes not valved ... ...*ad val.*	—	10 „	„ „ 7
Composition belting	Free.	20 % *ad val.*	
Leather, viz. :—Crust or rough tanned or tanned hogskins, goat, Persian sheep, and skivers, pump butts weighing not less than 48 lbs. each hide	—	Free.	
DIVISION XIII.—*Paper and Stationery.*			
Paper—			
Printing (uncoated) in sizes not less than 20 by 25 ins., or its equivalent ... ...*ad val.*	10 %	„	„ „ 8
Writing. cut less than 16 by 13 ins., and paper, toilet, in rolls or packets	2*d.* per lb.	15 % *ad val.*	„ „ 12
Browns, and sugar, (grey, blue, and other tints), fruit bag paper, tinfoil paper per cwt.	6*s.*	3*s.*	„ „ 12
Cartridge and blotting... ...	6*s.* per cwt.	15 % *ad val.*	„ „ 12
Strawboard ... per cwt.	2*s.*	1*s.*	„ „ 8
Bags ... ... „	7*s.* 6*d.*	5*s.*	„ „ 12
Surface-coated paper ...*ad val.*	15 %	Free.	„ Apr. 17

Tariff Changes and Customs Regulations.

AUSTRALIAN COMMONWEALTH—*continued.*

Tariff Classification.	Original Proposed Rates.	Amended Rates.	Date from which Amendments came into Operation.
DIVISION XIII.—*Paper and Stationery—cont.*			1902
Millboard, greyboard, leatherboard, and woodboard *ad val.*	15 %	10 %	From Mar. 12
True vegetable parchment ...	—	Free.	
Fashion plates ... ...per lb.	3*d.*	"	
Ceramic transfers for pottery ...	—	"	
Coated printing paper	—	"	
Illuminated and pictorial Scripture text cards	—	"	
Paper patterns ... ...*ad val.*	25 %	"	
Tissue cap paper, not exceeding 10 by 10 ins.	—	"	
DIVISION XIV.—*Vehicles.*			
Cycle parts, n.e.i., including steel bars for the manufacture of rims; also unplated parts, namely: ball heads, bottom brackets, lugs, fork-ends, bridges, sprocket wheels, balls, nipples, spokes, and washers *ad val.*	15 %	10 %	" " 12
Bicycle tubing, and fork sides, including bent tubes not brazed or plated...	—	Free.	
Vehicles, viz.—			
Barouches, broughams, landaus, victorias, mail phaetons, drags, and similar vehicles	12*l.* each and 15 % *ad val.*	25 % *ad val.*	" " 12
Express waggons, waggons for carrying goods, single or double-seated waggons, four-wheeled buggies—mounted on springs or thorough braces and without tops	5*l.* each and 15 % *ad val.*	25 " "	" " 12
Hansom cabs; also single or double-seated waggons, waggonettes, and four-wheeled buggies—with tops	6*l.* each and 15 % *ad val.*	25 " "	" " 12
Omnibuses and coaches for carrying mails or passengers	9*l.* each and 15 % *ad val.*	25 " "	" " 12
Tilburys, dog carts, gigs, Boston chaises, sulkies, and other two-wheeled vehicles — on springs or thorough braces ...	3*l.* each and 15 % *ad val.*	25 " "	" " 12
All parts thereof, viz., wheels, tyred and bolted, bodies, under-gears, under-carriages, and tops ... ...*ad val.*	—	25 %	" " 12

Tariff Changes and Customs Regulations.

AUSTRALIAN COMMONWEALTH—*continued.*

Tariff Classification.	Original Proposed Rates.	Amended Rates.	Date from which Amendments came into Operation.
DIVISION XV.—*Musical Instruments.*			
Pianos, viz.—			1902
Grand and semi-grand	12*l.* each and 15 % *ad val.*	20 % *ad val.*	From Mar. 13
Upright	4*l.* each and 15 % *ad val.*	" "	" " 13
Whether worked mechanically or otherwise ... ...*ad val.*	—	20 %	" " 13
Parts thereof n.e.i. ... "	15 %	20 "	" " 13
Military band and orchestra musical instruments and bag-pipes	—	Free.	
Musical instruments, parts of, viz. :—			
Actions, strings, felts, hammers and ivories	—	"	
Metal pipes for pipe organs ...	—	"	
DIVISION XVI.—*Miscellaneous.*			
Boats, launches, and yachts imported in any vessel, including all fittings ...*ad val.*	20 %	15 %	" " 13
Brushes, viz. :—			
Hog hair, sable hair, camel hair, badger hair, in albata, tin or quill, ½-in. or under ...*ad val.*	25 "	Free.	
Corks and bungs; also net floats ... ...*ad val.*	15 "	"	" Apr. 17
Cordage, viz. :—			
Coir yarn	—	"	
Fishing nets and netting therefor ... ...*ad val.*	20 %	"	
Explosives, viz. :—			
Ammunition and cartridges, n.e.i. ... ...*ad val.*	20 "	"	" Mar. 13
Fuse, per coil of 24 ft. or less, and in proportion for any greater quantity per coil	1*d.*	"	" " 13
Powder, sporting ...per lb.	4*d.*	"	" " 13
N.E.I. ... ... "	1*d.*	"	" " 13
Powder, blasting, common, of which 20 per cent. or less will pass through an 8-mesh sieve	Free.	1*d.* per lb.	
Special fuse powder, for the manufacture of fuse under departmental bye-laws ...	"	1*d.* "	
Twine and yarn, viz. :—			
Reaper and binder per cwt.	8*s.*	5*s.*	" " 13
Ambulance lantern slides ...	—	Free.	
Articles imported by and for the use of the Commonwealth ...	—	"	
Articles imported by and for the official use of the Governor-General, or State Governors ...	—	"	
Outside packages, n.e.i., in which goods are ordinarily imported when containing such goods ...	—	"	
Surgical pessaries, glass rectum and vaginal tubes, india-rubber drainage tubing, dental materials, viz. :—Dental rubber, amalgam and gold filling in pellets or cylinders	—	"	
Theatrical costumes and properties, subject to departmental bye-laws...	—	"	

Tariff Changes and Customs Regulations.

AUSTRALIAN COMMONWEALTH—*continued.*

The following are the revised rates of Excise Duties:—

Dutiable Goods.	Rates of Excise Duties.
Beer, viz.:—Ale, porter, and other beer, containing not less than 2 per cent. of proof spirit—	
Brewed from barley, malt, and hops exclusively... ... per gall.	2*d.* from February 7th, 1902.
N.E.I. ... ... "	3*d.*
Spirits, viz.—	
Distilled wholly from grape wine per proof gall.	11*s.*
N.E.I. ... ... " "	12*s.* 6*d.* to February 6th, 1902, then 13*s.*
For fortifying Australian wine or making vinegar per proof gall.	1*s.*
Methylated ... ... per gall.	6*d.*
Starch ... ... per lb.	1*d.* from March 26th, 1902.
Sugar ...per cwt. of manufactured sugar	3*s.* until January 1st, 1907, less, from July 1st, 1902, a rebate to the grower of sugar cane and beet. The rebate in the case of sugar cane to be 4*s.* per ton on all sugar cane delivered for manufacture, and in the production of which sugar cane white labour only has been employed after February 28th, 1902. The rebate is calculated on cane giving 10 per cent. of sugar, and is to be increased or reduced proportionately, according to any variation from this standard. A similar rebate to be allowed in respect of sugar beet—the rebate to be allowed at the rate of 2*l.* per ton on the sugar-giving contents of the beet. All rebates to be allowed at the time of delivery of the cane or beet on the ascertainment in manner prescribed of the sugar-giving contents, and so that it may be prescribed that the average sugar-giving contents of the cane or beet in any particular district shall be taken to be the sugar-giving contents of each lot of cane or beet in such district.
Tobacco, viz.—	
Manufactured ... ...per lb.	1*s.*
Cigars ... ... "	1*s.* 6*d.*
Cigarettes, including the weight of the outer portion of each cigarette per lb.	2*s.* to February 11th, 1902, then 3*s.*
Snuff ... ... "	2*s.*

Tariff Changes and Customs Regulations.

NEW ZEALAND.

Export Duties on Kauri Timber.

A copy of the "New Zealand Gazette" for 1st May last has been received containing a copy of an Order-in-Council, dated 10th April, 1902, imposing, under the "Timber Export Act, 1901," the following duties on *Kauri* timber exported from the Colony :—

	Export duties.
Logs, round	3*s.* per 100 super. ft.
„ cut in half	
„ squared with axe or saw ...	
Flitches, exceeding 30 ins. in width and 9 ins. in thickness	2*s.* „ „

NOTE.—Export duties of a similar amount were imposed on *white pine* and *Kahikatea* timber under Order-in-Council dated 27th March, 1902, a detailed notice of which appeared on p. 448 of the "Board of Trade Journal" for 5th June, 1902.

GERMANY.

Customs Decisions.

The Board of Trade have received, through the Foreign Office, translations of certain Orders, recently issued by the Hamburg Customs Authorities, affecting the classification for Tariff purposes of certain articles imported into the German Customs Union. The following is the substance of these Orders :—

Cotton bed-covers.—Coloured cotton coverlets are to pay duty as counterpanes or bed coverlets under No. 2*d* 3 of the Tariff at the conventional rate of 90 marks per 100 kilogs. (2*l.* 5*s.* 9*d.* per cwt.).

Partridge-cane, which is of a natural yellow-brown colour at its lower end and at the root, but otherwise of a dark brown colour with lighter longitudinal stripes, is to be admitted free of duty as raw partridge-cane under No. 13*a* of the Tariff, as the darker colour is merely caused by scraping off the lighter-coloured bark, and such scraping is not to be regarded as a preparation affecting classification for duty purposes.

Small rough wooden turned cases with loose lids, such as are used by chemists in the same way as wooden chip boxes for ointments, are to be regarded as boxes ("*Dosen*"), and are to pay duty under No. 13*g* of the Tariff at the rate of 30 marks per 100 kilogs. (15*s.* 3*d.* per cwt.).

Polishing discs, consisting of a circular shaped forged iron drum, in the axle of which a nave of cast-iron is inserted, and around the edge of which is fixed a circular shaped ring made of pieces of undyed spongy leather, the polishing material being placed on the

Tariff Changes and Customs Regulations.

leather ring, are to be treated as parts of machinery, as these articles can only be used in polishing machines driven by steam, electricity, or other elementary power. The leather portion of these articles is considered to give the preponderating character to the discs, and they are consequently to be classed under No. 21c of the Tariff, paying duty at the rate of 50 marks per 100 kilogs. (1*l.* 5*s.* 5*d.* per cwt.).

Table tennis games in cardboard boxes (each game being contained in a specially constructed paper-covered cardboard box), consisting of wooden racquets, posts, net, balls, &c., are to pay duty according to the preponderating material (*i.e.*, the wooden racquets), under No. 13*g* of the Tariff, at the rate of 30 marks per 100 kilogs. (15*s.* 3*d.* per cwt.).

Condensed milk.—Milk preparations imported in hermetically-sealed tins, consisting of cows' milk without the addition of any other substance, and containing only 59 to 60 per cent. of water as compared with 87·5 per cent. of water contained in natural milk, are to be regarded as condensed milk and charged with duty under No. 25*p* 1 of the Tariff at the rate of 60 marks per 100 kilogs. (1*l.* 10*s.* 6*d.* per cwt.).

Articles of base metal more or less plated with gold or silver.—These articles are subject to duty under No. 20*b* 2 of the Tariff at the rate of 175 marks per 100 kilogs. (4*l.* 8*s.* 11*d.* per cwt.) unless the gold or silver-plating is of very limited extent only. Table knives with polished steel blades and handles of silver-plated brass, cannot be considered as only plated to a very limited extent, and must, therefore, pay duty under the above-mentioned No. of the Tariff.

PORTUGAL.

Tare Allowance on Packages of Tea.

The Board of Trade have received, through the Foreign Office, a translation of a Portuguese Royal Decree, dated the 4th inst., reducing the tare allowance on tea imported in chests or cases from 23 per cent. to 12 per cent., or 14 per cent. if the cases are covered with matting.

PORTUGAL—(PORTUGUESE EAST AFRICA).

Customs Tariff of Quilimane, Chinde, and Zambesia.

The following statement of the Tariff of import duties levied in Quilimane, Chinde, and Zambesia, is extracted from the report of H.M. Vice-Consul at Tete, on the "Trade of Tete and district for the year 1901." (*Foreign Office, "Annual Series" of Reports, No.* 2,812):—

Tariff Changes and Customs Regulations.

PORTUGAL (PORTUGUESE EAST AFRICA)—*continued.*

Import Duties.

(Corrected to 31st December, 1901.)

Tariff No.	Articles.	Unit.	Duty.
			Reis.*
1	Pitch and tar	Kilog.	20
2	Fire-arms—		
	Flint locks and trade guns	Each	1,500
	Others	"	3,500
	Revolvers and pistols...	"	1,000
3	Sugar—		
	Foreign	Kilog.	80
	Portuguese colonial	"	20
4	Sundries—		
	Including needles, pins, sticks, mouth-pieces, capsules for bottles, paint brushes, brushes and combs	"	200
	Articles for personal adornment when not of precious metals, brooches, rings, watches, chains, bracelets, and buttons; also perfumery	"	500
5	Oil, for food	Decalitre	1,000
6	Fermented liquors	*See "Board of Trade Journal" for 5th June, pp. 450–452.*	
7	Ordinary wines produced in Portugal		
8	Distilled liquors		
9	Lime and cement	Kilog.	4
10	Boots and shoes—		
	Common trade quality, per pair of 700 grammes or over	"	200
	Other kinds	"	1,000
11	Rubber goods not specified	"	500
12	Tea	"	500
13	Hats, ordinary, manufactured	25 % *ad val.*	
14	Beads	Kilog.	100
15	Boats of any size	Free.	
16	Native hoes and implements	Each	60
17	Looking-glasses and picture frames	Kilog.	200
18	Second-hand clothing for native trade	"	50
19	Felt, manufactured or otherwise	"	200
20	Thread—		
	Cotton	"	80
	Twisted cotton	"	150
	Linen, woollen, silk, or any other kind, twisted or single	"	100
21	Food supplies—		
	Rice and dried fish (*bacalhau*)	"	20
	Potatoes, sea-biscuits, onions, and corn-flour	"	20
	Butter and imitations, cheese, bacon, lard, preserved meats, preserved fruits, spices, dried fruits, biscuits, and other provisions not specified	"	100
22	Canvas, linen and cotton sail cloths, with cordage of same material...	"	70
23	Drugs, simple or manufactured	"	200

* NOTE.—The value of the Portuguese milreis (1,000 reis) may be taken as about 3*s.* 6*d.* It is stated that *ad valorem* duties on imports from foreign countries are payable in gold.

Tariff Changes and Customs Regulations.

PORTUGAL (PORTUGUESE EAST AFRICA)—*continued.*

Tariff No.	Articles.	Unit.	Duty.
			Reis.*
24	Metals—		
	Precious, in bar or worked, including mounting for jewellery	10 % *ad val.*	
	Copper, brass, bronze, and alloys—		
	Worked, in bars, plates, blades, &c.	Kilog.	10
	Wire and tubes	"	50
	Other kinds...	"	200
	Lead—		
	Worked, in bars, &c.	"	5
	Other kinds...	"	50
	Tin and zinc—		
	Worked, in bars, &c.	"	5
	Other kinds...	"	50
	Iron and steel—		
	Manufactured, viz., bars, rods, chains, anchors, beams, &c....	"	3
	In columns, tubes, &c., for construction work... ...	"	15
	In work, not otherwise specified	"	30
	In ornamental work	"	150
	In small articles, locks, bolts, &c.	"	80
25	Paper—		
	Writing paper and envelopes	"	200
	Other kinds	"	100
26	Nails—		
	Copper, alloys, except for shipbuilding	"	300
	Other kinds and those used in shipbuilding	"	40
27	Petroleum	"	20
28	Matches	"	120
29	Gunpowder	"	300
30	Pottery—		
	Tiles and bricks	"	2
	Fancy tiles, glazed	"	10
	Drainage pipes	"	5
	Ordinary clay pipes	"	15
	Pottery of any kind	"	25
31	Watches—		
	For the pocket	10 % *ad val.*	
	Other kinds (chronometers, &c.)	25 % *ad val.*	
32	Soap	Kilog.	50
33	Salt—		
	Foreign	Decalitre	250
	Portuguese-Indian	"	25
34	Tobacco—		
	Of Portuguese production—		
	Leaves, rolled or pressed	Kilog.	25
	Manufactured in cigars or cheroots	"	150
	Otherwise manufactured	"	100
	Foreign—		
	In leaf, rolled or pressed	"	1,800
	Manufactured in any way	"	3,600

* See note on previous page.

Tariff Changes and Customs Regulations.

PORTUGAL (PORTUGUESE EAST AFRICA)—*continued.*

Tariff No.	Articles.	Unit.	Duty.
			Reis.*
35	Fabrics—		
	Silk, pure or mixed, in piece or work	Kilog.	2,500
	Wool, in piece or work—		
	Cloths or cashmeres, pure or mixed, silk mixture allowed	"	700
	Flannel, pure wool	"	600
	" of wool and cotton	"	400
	Shawls and kerchiefs of wool or of wool and cotton...	"	700
	Coloured and woven piece-goods	"	700
	Other kinds, not specified, pure or mixed	"	400
	Cotton—		
	Plain or bleached	"	200
	Coloured or stamped	"	350
	Linen, not specified, in piece or work	"	300
	Coarse cloths and sacking	"	30
36	Paints, in powder	"	10
37	" manufactured or prepared	"	20
38	Umbrellas and sunshades—		
	Silk	"	1,500
	Any other covering	"	200
39	Candles	"	70
40	Glass, common vessels, black or green	"	100
41	" in work, not specified	"	150
42	Goods not otherwise specified	10 % *ad val.*	

* See note on page 599.

Goods Admitted Free of Duty.

Staves.
Live animals (excepting bulls).
Tow and waste for cleaning machinery.
Foreign gold coin.
Coal.
Portuguese money, from Portuguese ports.
Twine for manufacture of fishing nets, when of Portuguese origin.
Books.
Sewing machines, typewriters, agricultural machinery and appurtenances, scientific instruments, &c.
Fishing nets of Portuguese manufacture.
Coarse cloth and sacking coverings of Portuguese origin.
Earthenware vases, plain or ornamented, of Portuguese origin.
Glass and earthenware vessels used in importing provisions.
Railway rolling stock and material.
Vehicles of any kind of Portuguese make.
Chemical manures of various kinds.

Tariff Changes and Customs Regulations.

PORTUGAL (PORTUGUESE EAST AFRICA)—*continued.*

Export Duties.

Articles.	For Foreign Ports.	For Portuguese Ports.
	Per cent. *ad. val.*	Per cent. *ad. val.*
Timber, including sawn timber, sticks, rafters, beams, planks, and other wood not specified	2	1½
Oil-seeds, sesamum, columba root, gums (excepting copal), hides, skins, leather, tobacco	4	2
Rubber, peppercorn, horns, hippopotamus teeth, turtle shell	8	6
Cowries and other shells, wax, and ebony	5	3¾
Indian cloves, ivory	10	7½
Copal gum, pearls, and precious stones	6	4½
All other articles, goods, and merchandise	2	1½

Tare Rates.

Articles.	Packing.	Tare.	Articles.	Packing.	Tare.
		Per cent.			Per cent.
Sugar	Barrels, casks, and boxes ...	15	Cloth, &c. ...	Bales with iron bindings ...	6
	Bags	2		Bales without iron bindings	3
Tea	Single boxes	30	Other merchandise on which tare is allowed	Barrels, casks, and boxes ...	12
	Double boxes or lined cases	40		Wooden packing cases and crates, baskets, &c. ...	6
Liquids	Small casks	18		Cases lined with waterproof coverings, in addition to tare allowed	2
	Barrels...	20			
Earthenware for native use ...	Wooden c ates containing—				
	Mugs	50			
	Porringers	40	Vases and bottles (of clay) ...	... ...	25
	Other utensils	30			
Butter	Barrels...	20	Vases and bottles (of glass) ...	... ...	10
	Pots or earthern vessels ...	30			

SPAIN.

Rate of Exchange for the Adjustment of Customs Duties payable in Gold.

Referring to the notice which appeared on p. 452 of the "Board of Trade Journal," of 5th inst., it is to be noted that the "Gaceta de Madrid," of 16th idem, contains an Order declaring 36·57 per cent. to be the average rate of exchange (premium of exchange on Paris) for the first fortnight of this month and that the corresponding reduction in the payment of Customs duties in gold during the second fortnight of the present month is to be 27 per cent.

COLOMBIA.

Increased Import Duties.

The Board of Trade have received, through the Foreign Office, a copy of a telegram from Bogota, reporting that a Decree, dated 28th May, has been issued by the Colombian Government, increasing import duties on all foreign goods after 1st July by 50 per cent.

SHIPPING AND TRANSPORT.

UNITED KINGDOM.

The Mercantile Marine Committee of the Board of Trade.

A meeting of the Mercantile Marine Committee was held on the 19th inst. at the Board of Trade.

The following members were present:—Mr. Walter J. Howell (who took the Chair in the absence of Sir Francis Jeune), Mr. W. F. G. Anderson, Mr. Thomas Burt, M.P., Captain A. J. G. Chalmers, Colonel J. M. Denny, M.P., Vice-Admiral R. M. Lloyd, C.B., Mr. William Milburn, jun., and Mr. J. Havelock Wilson.

Lord Brassey gave evidence. Other witnesses examined by the Committee were: Messrs. Edmund Cathery, James Henson, and Thomas Carey, of the National Sailors' and Firemen's Union, and Mr. John White, Manager of the Catholic Sailors' Home, E.

RUSSIA.

State Orders to Russian Works for Railway Rolling-stock.

The British Commercial Agent in Russia reports that the following list of Government Orders given between 1st January and 1st May, 1902, by the Ministry of Ways to Russian locomotive works was published in the "Industrial World" (St. Petersburg) of 26th May/9th June:—

	Roubles.
Locomotives, carriages, or trucks—	
Kolomna works to the value of	3,500,000
Putiloff Works Co. ,, ...	1,100,000
Carriages or trucks—	
Russo-Belgian works to the value of	1,600,000
Maltzeff ,, ...	950,000
Moscow wagon ,, ...	480,000
Nikolaieff shipbuilding works to the value of ...	660,000
Dvigatel Co. ,, ...	580,000
Southern Ural Metallurgical Co. ,, ...	900,000
Sormovo ,, ...	730,000
Lilpop Rau & Co. ,, ...	250,000
Phœnix ,, ...	900,000
Verkne-Volga Co. ,, ...	480,000
Russian East Asiatic S.S. Co. ,, ...	100,000
Various objects—	
Briansk works to the value of	1,080,000
Hartmann ,, ...	30,000
Shodoire ,, ...	10,000
Total	13,350,000

Shipping and Transport.

GERMAN EAST AFRICA.

Port Regulations at Dar-es-Salaam.

The British Vice-Consul at Dar-es-Salaam reports that since 1st December, 1901, all vessels over 100 tons gross, entering and leaving the harbour of Dar-es-Salaam are required to take a pilot on board. This official awaits the vessel in the neighbourhood of Makatumbe Island. Vessels over 1,000 tons gross pay 30 rs. (2*l.*) each way. An extra charge of 1 rupee (1*s.* 4*d.*) is made for every 100 tons over and above 1,000 tons. In the case of vessels wishing to enter or leave the harbour after dark an additional sum of 50 rs. (3*l.* 6*s.* 8*d.*) will be charged which includes lighting the buoys.

Contravening the above regulations is punishable by a fine of 20*l.* or three month's imprisonment. Vessels-of-war of all nations are excepted from the regulations.

Railway Communication.

In the same report the British Vice-Consul says that the Tanga-Korogwe Railway had reached on 31st December last 47 miles, and therefore requires but five miles to reach Korogwe. There is a daily service between Tanga-Muhesa and back, and another twice a week as far as Muyuzi. Another train runs daily up to Railhead, carrying stores and railway material. The construction of the line progresses slowly.

The receipts do not cover the expenditure, but it is hoped that by the end of 1903 both accounts will balance. At present the expenditure is caused by repairs, which have been found necessary after the line was taken over by the Government.

The proposed Central Railway running from Dar-es-Salaam to Mrogoro, Kilimatinde, Tabora and Ujiji is not yet begun, as the capital has not been raised, and opinions are divided in Germany as to its usefulness. (*Foreign Office, Annual Series*, 2,819.)

FRANCE.

Bayonne as a Port of Departure for Newfoundland Fisheries.

The British Vice-Consul at Bayonne reports that the port of Bayonne is evidently becoming one of the ports of France to which sailing vessels proceed before leaving for St. Pierre-Miquelon. During the past year 12 vessels, totalling 1,481 tons register, loaded there. Their cargoes consisted of general merchandise. (*Foreign Office, Annual Series*, 2,817.)

MINERALS, METALS AND MACHINERY.

UNITED KINGDOM.

Inquiry under the Boiler Explosions Act.

A formal investigation was held at the Town Hall, Sheffield, on the 13th inst., into the circumstances attending the explosion of a boiler at Beighton on the 18th April last.

The boiler, one of the vertical type, was purchased second-hand in the year 1886, the purchaser having obtained the services of a person carrying on business as an engineer to advise him as to its condition. The "engineer" examined the boiler, tested it to a pressure of 100 lbs. per square inch and advised the purchaser that it could be worked at that pressure. It was taken to his premises at Beighton and it was thereafter worked at a pressure of about 60 lbs. per square inch. In 1896 the pressure was reduced to about 45 lbs. per square inch.

The boiler was cleaned out from time to time but no person was called in to examine it.

On the 18th April the boiler was under steam and the engine was stopped for the purpose of grinding the saw and clearing away the sawdust and the boiler exploded.

The court found that the explosion was caused by the firebox having become so reduced from corrosion as to be unfit to withstand the pressure to which it was subjected and that it was completely worn out.

The court were of opinion that the person who examined the boiler at the time of its purchase was not competent to make the examination; that the boiler had not been periodically examined by anyone and no steps were taken by the owner either to ascertain the pressure at which the boiler could be safely worked or to ensure that it was worked under safe conditions and that the explosion was caused by his neglect.

The court ordered the owner to pay the sum of 25*l.* towards the costs and expenses of the investigation.

CANADA.

Minerals in Quebec.

A report upon the mineral production of Quebec by the Inspector of Mines for that province, quoted in the "Monetary Times" (Toronto) of 6th inst., says that with the exception of asbestos, which is at present the most prominent article in the mineral industry of the province, and one or two other descriptions, the production is meagre in the extreme. The number of men who were employed last year in various mining operations was 2,792, and the wages paid them amounted to 865,101 dols. The value of the minerals raised in 1901 was 1,727,731 dols., the principal being as shown in the following table:—

Minerals, Metals, and Machinery.

—	Value.
	Dols.
Asbestos and asbestic	1,284,429
Granite	146,000
Copper ore	126,500
Mica and mica product	39,600
Bog iron ore	28,978
Cement	28,000
Chrome iron	16,744
Ochre calcined	14,595
Slate	12,252

Other articles to the value of 30,633 dols. were silver and lead ore, phosphate, graphite, raw and prepared; sulphate of baryta, flag-stones, magnetic iron ore, gold and felspar.

AUSTRALIA.

Mineral Production of New South Wales.

The following table showing, in the order of the present relative value, the output of various metals and minerals in New South Wales during each of the last three years, is quoted by the "Queensland Government Mining Journal" from the progress report of the New South Wales Mines Department:—

—	1899.	1900.	1901.
	£	£	£
Coal	1,325,799	1,668,911	2,178,929
Silver-lead, &c.	2,219,653	2,787,450	1,959,021
Gold	1,751,815	1,194,521	921,282
Copper	395,451	425,301	413,302
Opal	135,000	80,000	120,000
Coke	77,130	109,620	105,665
Tin	90,482	142.724	77,315
Shale	40,823	20,652	41,489
Diamonds	10,350	5,663	9,756
Other...	111,054	135,977	179,277
Totals ... ... £	6,157,557	6,570,819	6,006,036

The total value of the mineral products of New South Wales reached its maximum—6,656,985*l.*—in 1891. In 1892 it was approximately 5,312,405*l.*; in 1893, 5,456,160*l.*; in 1894, 5,058,863*l.*; in 1895, 4,553,148*l.*; in 1896, 4,500,994*l.*; in 1897, 4,708,968*l.*; and in 1898, 4,866,998*l.* It will thus be seen that although the aggregate output of 1901 shows a decrease of over half a million sterling when compared with that of 1900, it is still largely in excess of that which was recorded as lately as 1898.

Minerals, Metals, and Machinery.

AUSTRALIA—*continued.*

Gold Production in Western Australia in May.

The Board of Trade have received from the office of the Agent-General for Western Australia a communication stating that the crushing returns for the month of May, 1902, for all gold mining companies in the State are as follows, the figures for May, 1901, being added for the sake of comparison:—

—	May, 1902.	May, 1901.
Ore treated	151,538 tons	129,885 tons
Yield of gold	171,813 ozs.	147,395 ozs.
Average yield per ton...	1 oz. 2 dwts. 16 grs.	1 oz. 2 dwts. 17 grs.

UGANDA PROTECTORATE.

Mining Rules and Regulations.

With reference to the notice on p. 509 of the "Board of Trade Journal" of 12th inst. respecting the mining rules of the British East Africa Protectorate, the Board of Trade have received through the Foreign Office copies of the Uganda Mining Regulations 1902, a list of general mining rules and a list of rules to ensure safe mining, which have been made by H.M. Commissioner at Entebbe. These rules and regulations may be seen on application at the Commercial Intelligence Branch of the Board of Trade, 50, Parliament Street, S.W., any day between the hours of 10 a.m. and 5 p.m.

FRANCE.

Coal Trade of the Bordeaux District.

H.M. Consul at Bordeaux reports that in 1901 the total importation of British coal and coke into Bordeaux was 868,352 tons, being an increase of 29,402 tons on the previous year, 189,388 tons on 1899, and 388,777 tons on 1898. The large figures imported the last two years into Bordeaux may be attributed to the large contracts made in 1900 for industrial purposes, more particularly for the railway companies. About 7,500 tons of American coal were imported, and a similar quantity of Westphalian furnace coke, and with this amount, for the present, at any rate, it is probable that the American and Westphalian coal invasion is at an end, unless prices of British coal should once more advance. Moreover, the French mines can meet the demands on them now that the abnormal activity in the metal trades has fallen off. Now that the Orleans Railway Company has made special rates and provided special waggons, imported from the United States, to carry 20 tons each, for carrying large quantities of coal, the Consul says it is to be hoped that the Midi

Minerals, Metals, and Machinery.

Company will have the foresight to follow suit and so give a stimulus to the Bordeaux coal trade, which should extend to the frontiers of Switzerland.

The British Vice-Consul at La Rochelle reports that two cargoes of Pennsylvania coal, amounting in all to 6,000 tons, have lately arrived at La Pallice for the State railway. With freight from Philadelphia at its present rate of 8*s*. per ton for coal, further shipments may be expected if the State railway authorities are satisfied with the experiment.

The British Vice-Consul at Pauillac reports that the opening of the blast furnaces at Pauillac has proved a stimulus to the importation of British coal there, but not to the extent that was anticipated. The depression from which the metallurgical industry has suffered during the past year has delayed the lighting up of the second furnace. Moreover—and this is a matter that calls for the serious attention of all who are interested in the exportation of British coal—Westphalian coal shipped at Rotterdam and laid down at Pauillac at lower rates than could be obtained from any other source has proved to be well adapted to the production of coke; consequently there is the prospect of this trade increasing and shutting out to a large extent, if not entirely, the British supply, so far as the blast furnaces are concerned. (*Foreign Office, Annual Series*, 2,817.)

Imports of Phosphates and Pyrites into Bayonne, &c.

The British Vice-Consul at Bayonne notes that large quantities of phosphates and pyrites have been imported into that port since the opening of the large and extensive chemical works of St. Gobain, at Boucau, Bayonne. Out of a total of 20,685 tons imported during the past year 6,981 tons of phosphates were shipped from Liverpool, 1,322 tons from Garston, 2,252 tons from Coosaw River, U.S.A., 1,700 tons from Villa Real (Portugal), 4,140 tons of pyrites from Pomeron (Portugal), and the remainder from Sfax, in Tunis and Algiers. The greater part was carried by vessels under the British flag.

The British Vice-Consul at La Rochelle also draws attention to the fact that large quantities of natural phosphates are now imported there for conversion into superphosphates for manure, and the burnt pyrites are then shipped to the United Kingdom. (*Foreign Office, Annual Series*, 2,817.)

SPAIN.

Contract for Brass Discs.

The "Gaceta de Madrid" of 19th inst. contains a Royal Order authorising the purchase of 85,000 kilogs. of brass discs from the firm of Arthur Krupp, of Beerndorf (Austria), for the military cartridge factory of Seville.

AGRICULTURE.

UNITED KINGDOM.

Corn Prices.

The prices of British corn per quarter of 8 bushels, as received from the inspectors and officers of Excise in the week ended the 21st inst., were as follow:—

Wheat	30*s.*	6*d.*
Barley	23*s.*	5*d.*
Oats	23*s.*	0*d.*

For further particulars see p. 618.

Imports of Agricultural Produce.

A statement is published on p. 619, showing the quantities of the various descriptions of agricultural produce imported into the United Kingdom during the week ended the 21st inst. as well as of the imports during the corresponding week of 1901.

JAMAICA.

Banana Exports.

The Jamaica "Gleaner" reports that the exportation of bananas for the year ending 31st March last is likely to amount to a total of over ten millions of bunches, a record for Jamaica. The returns are compiled according to the computation of the companies, so that two small bunches are counted as one bunch. The total number of actual bunches therefore greatly exceeds ten millions. The prospects for the spring crop of bananas are said to be excellent, and there is likely to be a great deal more competition between the companies along the northern side this year than is usual. During the financial year ending March, 1903, this year's total will probably be largely exceeded. It is stated that the total at the end of next March is expected to be over 12 millions of bunches.

RUSSIA—SIBERIA.

Butter Exports from Siberia.

Under date 2nd May last, the United States Consul at Moscow says that, according to the Minister of Ways and Means of Communication, goods traffic on the Trans-Siberian Railway has grown immensely during the past few years. In 1899, this traffic was nearly double of that in the preceding year, whilst in 1900 it was more than double that of 1899.

In 1900 the butter alone carried amounted to 38,435,904 lbs. In 1901 the amount of butter carried had grown to 72,000,000 lbs., and during the latter part of the summer, the railway authorities were obliged to despatch four special trains, each of 25 refrigerator cars, for the transportation of this product. Formerly butter was produced in Western Siberia only as far as Omsk, but at present it can be obtained in the Tomsk and Irkutsk governments.

Agriculture.

GERMANY.

Sugar Production.

According to a statement published in the "Reichsanzeiger" of the 13th inst., the quantity of raw sugar produced in Germany in May last amounted to 7,721 metric tons, and the quantity of refined to 102,493 metric tons.

The output of raw and refined sugar in Germany in the period from 1st August, 1901, to 31st May, 1902—the first ten months of the 1901–2 sugar campaign—compares as follow with the corresponding period of the 1900–1 campaign :—

		August, 1900, to May, 1901.		August, 1901, to May, 1902.
Raw ...	metric tons	1,723,771	...	2,013,651
Refined ...	,, ,,	1,103,260	...	1,147,526

NOTE.—Metric ton = 1,000 kilogs. = 2,204 lbs. av.

FRANCE.

Exports of Pitwood from Bordeaux.

H.M. Consul at Bordeaux reports that the quantity of pitwood exported from Bordeaux in 1901 amounted to 397,620 tons, being a decrease of 136,336 tons on the previous year. The ruling prices were about 11*s.* 6*d.* to 12*s.* f.o.b., which, with the average freight, made a mean price of about 18*s.* per ton *ex* ship at Cardiff. The decrease in exportation may be attributed to the high price asked by the forest proprietors, who were reluctant to fell their trees, as prices for resinous products ruled high. This situation suited and benefited Portugal, the exports of pitwood from which country rose from a mere nothing to 150,000 tons. (*Foreign Office, Annual Series*, 2,817.)

FRANCE—INDO-CHINA.

Rice Exports in 1901.

According to "La Quinzaine Coloniale" of 10th inst., the exports of all kinds of rice from Indo-China in 1901 amounted to 911,754 tons, as against 915,635 tons in 1900 and 894,954 tons in 1899.

The 1901 figures are divided as follows :—

	Tons.
Cochin-China and Cambodia	758,539
Tonkin	150,818
Annam	2,397
Total ...	911,754

Exports of Tea from Annam.

The same journal notes that the quantity of tea exported from Annam to France in 1901 amounted to 149,000 kilogs. (327,800 lbs.), as compared with 180,000 kilogs. (396,000 lbs.) in 1900. This decrease, it is said, is partly due to the great efforts made to obtain a market for Ceylon tea in France.

Agriculture.

TURKEY.

Hop Cultivation.

The "Levant Herald" of 11th inst. announces that, with a view to promoting hop culture in the Empire, the Turkish Government has exempted from tithe all new plantations for a term of ten years. Experiments in the culture of this plant made on the estate at Ada Bazaar of Hamid Bey, Director of the Imperial Museum, have given satisfactory results.

PERU.

Irrigation Works.

H.M. Consul-General at Callao reports that a company has been formed for the purpose of irrigating extensive lands in the department of Piura. These lands, which cover an area of from 50,000 to 60,000 acres, lie in the districts of Castilla, Catacaos, and Sechura, on the left bank of the River Chira. Work is going on actively, and it is expected that by October next the first section of canals will be completed, and that it will then be possible to irrigate some 15,000 acres. A contract has also been entered into with a cotton planter for irrigating the right bank of the River Chira over an extent of land calculated at 30,000 acres. In the department of Lima the arid lands of Noco are being irrigated. Various other concessions have been granted for the irrigation of waste lands on the coast.

PERU—BOLIVIA.

India-rubber Industry.

H.M. Consul-General at Callao also remarks that the india-rubber industry is likely to progress, as, from all accounts, the forests of Peru contain innumerable rubber trees. From 1st July, 1900, to 30th July, 1901, grants amounting in the aggregate to 1,240,000 acres of forest land, said to contain valuable rubber trees, have been made by the Government. These lands lie in the Departments of Huanuco and Cuzco. The periods of the grants are either five or ten years. The royalty claimed by the Government is 2*s*. for every quintal of rubber which is exported. During the same period six other concessions were granted under somewhat different conditions. One of the grants comprised 4,942 acres and the others 1,235 acres each. These grants are divided into plots called "estradas." Each "estrada" contains within its boundaries 150 rubber trees. The royalties levied in this case are 20 cents annually for each "estrada" and 20 cents for each hectare of land which the estradas cover.

Here it may be mentioned that vast tracts of land, known as the Acre or Aquiry territory, forming the hinterland to Peru from the 7 deg. to 12 deg. of south latitude, have quite recently been made over by Bolivia to a syndicate. The syndicate have been

Agriculture.

granted extensive powers, such as the right to administer the territories in question and to organise an armed force. However, their chief object appears to be the extraction of rubber. The territories thus placed in possession of the syndicate are vaguely described as being bounded on the north-east by Brazil, on the west by Peru, and on the south by the River Abuña and a line drawn from that river to the confluence of the Inambari with the Madre de Dios. Matters are so far advanced that a scientific commission sent out by the syndicate is already engaged in exploring a portion of that district. (*Foreign Office, Annual Series*, 2,807.)

BRAZIL.

Sugar Industry.

The Acting British Consul at Pernambuco reports that in 1901 117,575 tons of sugar were exported, from Brazil, of which 94,116 tons, value 1,264,400*l.*, were sent to native ports, and 23,459 tons, value 199,000*l.*, to foreign markets; but in the following year the purchasing power of the native markets both north and south decreased, and with a greatly increased crop the surplus exported to foreign markets was more than four times as much as in 1900. The financial result shows that 75,193 tons sent to native markets fetched 960,000*l.*, while 100,000 tons shipped to the United States and Liverpool were only worth 728,000*l.*

Writing on the same subject, the British Pro-Consul at Pernambuco says that, looking back at the past of this industry, it seems that it has had all the advantages and disadvantages of a protected industry.

So long as the production is less than the home consumption the home market gives the profit, but when the converse holds good and the production greatly exceeds the home consumption, as happens at present, then the home price cannot be kept up, the cartel becomes impossible, so the only remedy that remains must come through the checking of production until it again becomes less than the consumption of the country.

This is the circle through which the country has passed several times in the past 40 years, and it will remain as long as the existing taxation continues, as it is this that prevents Brazil from competing successfully in the markets of the world.

As an example of the disastrous effect of taxation, it may be mentioned that a hessian bag, sufficient to hold 90 kilogs. of sugar (*i.e.*, 90 kilogs. is the product of 1 ton of cane) cost over 10*d.*, or 25 per cent., on the cost of cultivation of 1 ton of cane, and more than one-half of this 10*d.* is taxation.

Were it not for excessive taxation it would be quite possible to manufacture sugar at its present low price and still make a living out of it, but with taxation at 66 per cent. on its value this cannot be done. (*Foreign Office, Annual Series*, 2,814.)

MISCELLANEOUS.

UNITED KINGDOM.

Cotton Statistics.

The number of bales of cotton imported into the United Kingdom during the week ended the 19th inst. was 29,162, and the number imported during the 25 weeks ended the 19th inst. was 2,199,772. As regards exports, the figures are, for the week ended the 19th inst., 10,756 bales, and for the 25 weeks, 209,391.

For further details see p. 618.

CANADA.

Amended Immigration Act: Landing of Diseased Persons may be Prohibited.

The Board of Trade have received a copy of an Act, cap. 14 of 1902, which has been passed by the Canadian Parliament and assented to on 15th May, 1902. By the present Act, the "Immigration Act," cap. 60 of the Revised Statutes, is amended by the insertion of the following section after sec. 24:—

"24*a*. The Governor-General may, by "Proclamation or Order, whichever he considers most expedient, "and whenever he deems it necessary, prohibit the landing in "Canada of any immigrant or other passenger who is suffering "from any loathsome, dangerous, or infectious disease or malady, "whether such immigrant intends to settle in Canada, or only "intends to pass through Canada to settle in some other country."

"2. Such prohibition may be absolute, or may be accompanied "by permission to land for medical treatment only, for a period to "be determined as provided by Order or Proclamation."

The present Act also provides that:—

"Any person landed in Canada from a vessel in contravention "of the 'Immigration Act' or any Order-in-Council or Proclama-"tion lawfully issued thereunder, or any person landed for medical "treatment, who remains in Canada in contravention of such Order "or Proclamation, may be apprehended, without warrant, by any "immigration agent, or other government officer, and may be "compelled to return or be taken on board the vessel, and by "force, if necessary; and every owner or master of a vessel who "violates the provisions of this Act, or who aids or abets any "immigrant or passenger in acting in contravention of such Order "or Proclamation, or who refuses or neglects to take back on "board the vessel any such immigrant or passenger shall incur a "penalty not exceeding 1,000 dols., and not less than 100 dols. "in the case of each and every such immigrants or passengers."

Miscellaneous.

CANADA—*continued.*

Combination of British Columbian Salmon Canneries.

The United States Consul at Vancouver reports, under date of 19th May, that the salmon canneries of British Columbia have combined and will extend business in several directions. The combination is said to be capitalised at 600,000*l.* Heretofore, says the Consul, the by-products of the canneries have been almost entirely wasted, but it is now proposed not only to save the oil, but also to manufacture guano and glue. The combination will undertake to develop the entire fishing industry of that region. Shipments of fresh halibut will be made, and efforts will be put forth to meet the demand for salted and smoked fish in the Orient, Europe, and the United States. The Consul adds that it is understood that a considerable portion of the capital of the new organisation came from the United States.

CEYLON.

Ceylon Tea in Europe in 1901.

The Board of Trade have received from Mr. J. H. Renton, the Ceylon Tea Commissioner for Europe, a copy of his report for the year 1901, which has been published as a supplement to the "Ceylon Observer," of 13th ult.

This report, which contains much interesting information concerning the consumption and sale of Ceylon tea in Europe, may be seen on application at the Commercial Intelligence Branch of the Board of Trade, 50, Parliament Street, S.W., any day between the hours of 10 a.m. and 5 p.m.

SARAWAK.

Trade in 1901.

The Board of Trade have received, through the Foreign Office, a copy of a Report of the Trade Department of Sarawak for the year 1901.

The report shows that the total foreign trade of 1901, as compared with 1900, was as follows:—

Year.	Imports.	Exports.	Total.
	Dols.	Dols.	Dols.
1900	3,848,679	5,217,036	9,065,715
1901	4,404,644	5,900,925	10,305,569
Increase...	555,965	683,889	1,239,854

Miscellaneous.

The following is a list of the principal articles of import and export, from and to, foreign ports during the same periods :—

Principal Articles Imported.	Imports.		Principal Articles Exported.	Exports.	
	1900.	1901.		1900.	1901.
	Dols.	Dols.		Dols.	Dols.
Cloth	497,394	537,895	Damar	16,676	30,245
Cyanide	42,541	80,387	Gutta percha ...	788,298	767,579
Ironware	79,338	86,416	,, jelutong ...	2,262	230,388
Machinery	95,669	97,858	India-rubber ...	351,814	244,415
Oils	203,672	217,668	Rattans	279,993	354,713
Opium	134,283	173,090	Timber	118,001	155,535
Rice	598,217	745,896	Coal	105,562	38,991
Salt	27,474	27,566	Gold	843,709	1,246,114
Sugar	99,826	105,567	Copra	30,501	45,195
Tobacco (Palembang)	97,616	139,602	Gambier	200,609	258,704
			Pepper	1,254,422	1,477,499
			Sago flour.	750,266	599,723

RUSSIA.

Emigration to Siberia in 1901.

The British Commercial Agent in Russia reports, under date of 8th inst., that according to the "Russkia Viedomosti" of 26th May/8th June the emigration movement from Russia to Siberia and the Far East in 1901 consisted of 94,639 emigrant settlers, 24,529 pioneers,* and 8,963 peasants in search of work, making a total of 128,131.

The majority of the above settled in, or intended to settle in, the government of Tomsk, the remainder in the following governments (in order of number):—Yenisei, Pri-Amour region, Akmolinsk Territory, Irkutsk and Tobolsk.

Particularly noticeable, however, was the extent of the return movement, due largely to the bad harvests of 1900 in certain districts of Siberia, and in some of them in 1901 as well. Thus, during 1901, 31,330 emigrant settlers, 18,019 pioneers, 5,884 peasants in search of work, a total of 55,233 emigrants to Siberia returned to European Russia. Of the pioneers mentioned, 4,372 had made the necessary arrangements for their clients, and 13,647 returned without any positive results.

* Pioneers, or "khodoki," sent forward by groups of peasants in Russia to reconnoitre and choose places of settlement.

Miscellaneous.

RUSSIA—POLAND.

Siberian Trade.

H.M. Consul-General at Warsaw reports that the export from Poland to Siberia is increasing continually, and embraces nearly all branches of industry, the most important being cotton goods from Lodz. Besides textile manufactured goods, about 1,000 tons of barley, 1,000 tons of spirits, 1,300 tons of various machinery and apparatus, 1,200 tons of furniture, 500 tons of hardware, and also other goods were exported to Siberia from Poland during November and December, 1901. The Consul-General further says that this year the export is sure to be very considerable, as the Polish industrial towns were over-run during the winter months by merchants from Siberia desirous of opening up business. A number of Chinese merchants came to Lodz and Warsaw with the same object, and it is very likely that China will become a market for Polish goods. The Consul-General adds, however, that he is informed that these merchants came from Manchuria, Port Arthur, and Vladivostok, and not from China proper. (*Foreign Office, Annual Series*, 2,810.)

FRANCE—FRENCH CONGO.

Exports in 1901.

The "Dépêche Coloniale" of 8th/9th inst. publishes the following table showing the exports of the principal articles produced in French Congo in the year 1901, the corresponding figures for the preceding year being added for purposes of comparison :—

—	1900.	1901.
	Kilogs.	Kilogs.
Timber of all kinds	5,885,522	6,299,674
Caoutchouc, raw	656,736	654,738
Palm nuts...	688,090	545,467
Elephants' tusks	151,731	116,813
Palm oil	112,103	116,445

Kilog. = 2·2 lbs.

SPAIN.

Contract for Making and Engraving Government Bonds comes to England.

The "Gaceta de Madrid" of 20th inst. contains a Royal Order directing the execution of the contract for the manufacture of the paper as well as the stamping of the bonds for the 338,400,000 pesetas additional redeemable 5 per cent. internal debt, authorized under the law of 2nd August, 1899, with a well-known British firm.

Miscellaneous.

MEXICO.

Amendment of Law relating to Securities, &c., of Foreign Corporations.

A despatch dated 28th ult. has been received at the Foreign Office from H.M. Consul at Mexico City, forwarding a translation of an amendment to the Law relating to securities, bonds or shares, issued abroad by corporations or companies established in Mexico, or conducting business there, which was passed by the Federal Chamber of Deputies on 27th May.

The translation reads as follows:—

"Single article: Art. 18 of the Law of 29th November, 1897, is amended in the following terms:—

Art. 18. Securities issued abroad by corporations or companies established in the Republic, are valid in the Republic if possessing the following conditions:—

1. That with respect to the requisites or external formalities of the contract authorising the omission, the laws of the country, where said contract was executed have been observed.

2. That the emission has been effected in accordance with the laws of the country where it occurred.

3. That the two foregoing circumstances be evidenced by means of a certificate to the effect that the contract was executed and the emission made in conformity with the laws of the country in question, said certificate to be issued by the accredited minister of the Republic in that country, or, in default of a diplomatic representative, by a Mexican Consul.

4. That the contract authorising the emission be protocolised in the Republic, and entered upon the public commercial registry according to the provision of paragraph 14, Art. 21 of the code of commerce.

5. That if the securities are guaranteed by means of the mortgage, said mortgage must be registered according to the laws of the state, federal, district, or territory where the property is situated.

Art. 19.—The obligations and rights originating from the contract will be subject to the laws of the place of execution (provided those laws are not contrary to the Mexican laws of a prohibitive nature, or bearing on questions of public order), even though the contract is to be carried out wholly or partially in the Mexican Republic, unless it is expressly stated in the contract that the latter is to be governed by Mexican law.

Securities guaranteed by real estate situated in the Republic will be ruled by Mexican law in so far as the mortgage guarantee is concerned.

Art. 20.—The Mexican courts will in any event be competent to adjudicate the contests that may arise with respect to contracts entered into and obligations assumed, in conformity with this Law."

STATISTICAL TABLES.

Cotton Returns.

Return of the **Number** of **Bales** of **Cotton Imported** and **Exported** at the **Various Ports** of the **United Kingdom** during the Week and 25 Weeks ended 19th June, 1902.

—	Week ended 19th June, 1902.	25 Weeks ended 19th June, 1902.	Week ended 19th June, 1902.	25 weeks ended 19th June, 1902.
	Imports. (Bales.)		Exports. (Bales.)	
	No.	No.	No.	No.
American	16,561	1,724,251	8,596	123,182
Brazilian	8,780	166,828	—	7,240
East Indian	3,761	23,343	98	9,060
Egyptian	—	259,421	2,045	66,510
Miscellaneous	60	25,927	17	3,399
Total	29,162	2,199,772	10,756	209,391

Corn Prices.

Statement showing the **Average Price** of **British Corn**, per quarter of 8 bushels, Imperial Measure,* as received from the Inspectors and Officers of Excise in the week ended 21st June, 1902, and corresponding weeks of the seven previous years pursuant to the Corn Returns Act, 1882.

—	Average Price.					
	Wheat.		Barley.		Oats.	
	s.	d.	s.	d.	s.	d.
Week ended 21st June, 1902	30	6	23	5	23	0
Corresponding week in—						
1895	26	1	20	3	16	7
1896	24	10	19	5	14	10
1897	27	0	19	9	18	6
1898	40	8	24	3	20	7
1899	25	7	26	2	17	11
1900	25	9	23	5	18	11
1901	27	6	23	2	20	3

* Section 8 of the Corn Returns Act, 1882, provides that where returns of purchases of British Corn are made to the local inspector of Corn Returns in any other measure than the Imperial bushel or by weight or by a weighed measure that officer shall convert such returns into the Imperial bushel, and in the case of weight or weighed measure the conversion is to be made at the rate of sixty Imperial pounds for every bushel of wheat, fifty Imperial pounds for every bushel of barley, and thirty-nine Imperial pounds for every bushel of oats.

Imports of Agricultural Produce into the United Kingdom.

Account showing the Quantities of certain kinds of **Agricultural Produce** imported into the **United Kingdom** in the week ended 21st June, 1902, together with the quantities imported in the corresponding week of the previous year.

		Week ended 21st June, 1902.	Corresponding week in 1901.
Animals, living :—			
Oxen, bulls, cows, and calves	Number.	7 941	10,383
Sheep and lambs	"	2,830	6,068
Swine	"	—	—
Horses*	"	968	—
Fresh meat :—			
Beef...	Cwts.	80,601	75,443
Mutton	"	110,599	64,541
Pork	"	6,742	6,784
Salted or preserved meat :—			
Bacon	Cwts.	100,656	107,017
Beef	"	2,283	4,618
Hams	"	26,871	50,562
Pork	"	5,803	6,346
Meat, unenumerated, salted or fresh ...	"	16,957	11,838
Meat, preserved, otherwise than by salting	"	37,881	16,910
Dairy produce and substitutes :—			
Butter	Cwts.	85,181	93,124
Margarine	"	21,943	17,540
Cheese	"	60,974	57,833
Milk, fresh, in cans or drums	"	—	10
" cream	"	113	151
" condensed	"	15,882	15,256
" preserved, other kinds	"	33	16
Eggs	Grt. Hundr.	571,168	384,688
Poultry and game	Value £	14,213	3,263
Rabbits, dead (not tinned)	Cwts.	1,836	2,773
Lard	"	36,948	43,705
Corn, grain, meal and flour :—			
Wheat	Cwts.	1,983,226	1,157,400
Wheat-meal and flour	"	372,923	434,100
Barley	"	326,686	457,900
Oats	"	400,725	494,800
Peas	"	38,660	12,700
Beans	"	37,360	120,500
Maize or Indian corn	"	1,203,069	1,356,400
Fruit, raw :—			
Apples	Cwts.	216	1,053
Apricots and peaches	"	339	615
Bananas	Bunches.	48,162	31,803
Cherries	Cwts.	12,220	45,427
Currants	"	500	185
Gooseberries	"	4,883	5,302
Grapes	"	267	185
Lemons	"	13,688	42,749
Oranges	"	71,507	23,121
Pears	"	50	961
Plums	"	59	—
Strawberries	"	7,019	8,014
Unenumerated	"	803	2,247
Hay	Tons.	6,568	2,281
Straw*	"	1,041	—
Hops	Cwts.	264	405
Locust beans*	"	—	—
Vegetables, raw :—			
Onions	Bushels.	43,690	45,158
Potatoes	Cwts.	475,274	414,266
Tomatoes	"	26,446	29,311
Unenumerated	Value £	10,354	9,206
Vegetables, dried	Cwts.	2,518	1,130
Preserved by canning	"	2,353	5,485

* Not shown in 1901.

GOVERNMENT PUBLICATIONS.

TRADE RETURNS OF THE UNITED KINGDOM.

The Monthly Accounts relating to the Trade and Navigation of the United Kingdom for the month of May, 1902, have been published. The accounts, which are issued on the 7th or 8th of each month, may be purchased at a small cost (in the present instance 9*d.*) per copy, either directly or through any bookseller, from Messrs. Eyre and Spottiswoode, East Harding Street, Fleet Street, London, E.C., and 32, Abingdon Street, S.W.; or Messrs. Oliver & Boyd, Edinburgh; or Edward Ponsonby, 116, Grafton Street, Dublin.

Attention is further called to the fact that Volume I. of the "Annual Statement of the Trade of the United Kingdom with Foreign Countries and British Possessions" for the year 1901 may be purchased at a cost of 6*s.* 7*d.* at any of the addresses enumerated above. This publication, which contains much more detailed and exhaustive information than can be given in the Monthly Accounts, gives, Abstract Tables for the years 1897-1901, and detailed statement of imports and exports of each article (from and to each country). The second volume will contain details as to customs duties, trade in coin and bullion, transhipments, and articles in bond.

THE LABOUR GAZETTE.

This Gazette is published by the Board of Trade about the 15th of each month. The following are among the more important articles that appeared in the number issued the 15th inst.:—State of the Labour Market in May: Diseases of Occupations: The Price of Bread: Prices of Coal and Iron: Recent Conciliation and Arbitration Cases: Legal Cases affecting Labour, &c., &c.

FOREIGN OFFICE REPORTS.

The following is a *résumé* of some of the more interesting subjects dealt with in a Consular Report of the **Annual Series** issued since the last number of the "Board of Trade Journal."

No. 2,820. Genoa and District, 1901.

Italian emigration.

Chamber of Labour.

Improvements in railway facilities.

Refrigerator plant for the new cold storage warehouse next to the Custom-house supplied from England.

Shipping bounties bill, shipbuilding, and table of British vessels purchased during the year.

Table of principal imports and exports by articles and countries.

Table illustrative of the Carrara marble industry during 1900. Establishment of the Marble Exporters' Association.

Silk trade at Turin. Production of cocoons by colours and provinces.

This publication also contains reports from Spezia, Massa-Carrara, Savona, Turin, San Remo, and Bordighera.

Government Publications.

LIST OF FOREIGN OFFICE REPORTS.

The following Reports of H.M. Diplomatic and Consular Officers, which have been issued in the Annual and Miscellaneous Series since 1st January, 1902, may be obtained from Messrs. Eyre & Spottiswoode, East Harding Street, Fleet Street, E.C.

The titles of the Miscellaneous Series are printed in italics.

No.	Place.	Price
	EUROPE—	
	Austria-Hungary:	
2762	Trieste 1901	1½*d.*
	Denmark:	
2739	Denmark (Supplement) 1900	1*d.*
	France and Colonies:	
2817	Bordeaux 1901	4*d.*
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2768	Calais ... ... „	2½*d.*
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2784	Corsica ... ... „	1*d.*
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2737	France 1900	3*d.*
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2783	Bavaria... ... ... „	1½*d.*
2769	Chemnitz ... ... „	4*d.*
2758	German Colonial Estimates for 1902	1½*d.*
2790	German Colonies ...1900–01	2*d.*
2819	German East Africa...1901	1½*d.*
2748	Estimates of German Empire for 1902	1*d.*
2774	Pomerania 1901	3½*d.*
2751	Prussian Estimates for 1902-03	1*d.*
2745	Samoa 1901	½*d.*
572	*Higher, Middle and Lower Schools of Würtemberg ...*	*3d.*
573	*Supplementary report on Chemical Instruction and Chemical Industries in Germany ... ...*	*1d.*
574	*Prussian Railways ...*	*3d.*
575	*German Iron trade in 1900 and 1901 ... ...*	*3d.*

No.	Place.	Price
	Greece:	
2788	Cyclades 1901	1*d.*
2800	Ionian Islands... ... „	1½*d.*
2760	Morea ... ... „	1*d.*
2775	Piræus ... ... „	1½*d.*
2764	Thessaly ... ... „	1*d.*
576	*Mineral Resources of Greece ... ...*	*10½d.*
	Italy:	
2801	Elba 1900–01	1*d.*
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2809	Leghorn ... ... „	1½*d.*
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2761	Amsterdam 1901	1*d.*
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2782	Batoum... 1901	2*d.*
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2750	„ (Agriculture)...190	1½*d.*
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Government Publications.

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2791	Dar-al Baida (Morocco) 1901	2*d.*
2818	Independent State of the Congo 1901	1*d.*
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	United States of America:	
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	AMERICA, CENTRAL—	
2776	Costa Rica 1901	1*d.*
2756	Honduras 1899-1900 and 1900-01	½*d.*
	AMERICA, SOUTH—	
	Argentine Republic:	
2767	Buenos Ayres 1901	2*d.*
2793	Rosario ... ... „	1*d.*
	Brazil:	
2814	Pernambuco 1901	2*d.*
2740	Sergipe 1900	1*d.*
	Chile:	
2753	Coquimbo 1900	1*d.*
	Colombia: Republic of	
2747	Colombia (excepting Panama) 1901	1½*d.*
	Peru:	
2807	Peru 1901	2½*d.*
	Venezuela:	
2772	Ciudad Bolivar ...1901	½*d.*
	ASIA—	
	China:	
2777	Amoy 1901	1*d.*
2797	Chin-kiang ... ... „	1*d.*
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2795	Hankow 1901	1½*d.*
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2779	Samshui ... ... „	1*d.*
2741	Ssumao and Mengtse...1900	1*d.*
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	Japan:	
2789	Japan 1901	2*d.*
2796	South Formosa... 1900–01	2*d.*
	Persia:	
2803	Persian Gulf	2½*d.*

Government Publications.

Treaty Series.

The following numbers of the Treaty Series issued since the 1st January, 1902, may be obtained from the above-mentioned sources :—

No.	———	Price.
1	Agreement additional to the Postal Convention between the United Kingdom and France of 30th August, 1890 ...	½*d.*
2	General Index to the Treaty Series, 1897-1901	3*d.*
3	Agreement between the United Kingdom and Japan relative to China and Corea	½*d.*
4	Treaty between the United Kingdom and Brazil relative to the boundary between Brazil and British Guiana	1*d.*
5	Convention between the United Kingdom and Persia extending the system of telegraphic communication between Europe and India through Persia	1*d.*
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8	Agreement between the United Kingdom and Germany relative to the boundary of the British and German spheres of interest between Lakes Nyasa and Tanganyika..	6½*d.*
9	Agreement relative to the exchange of Money Orders between the United Kingdom and Belgium	½*d.*
10	Agreement between the United Kingdom and France respecting commercial relations between France and Zanzibar ...	½*d.*
11	Convention between the United Kingdom and the United States extending the period for accession of British Colonies and Possessions to the Convention of 2nd March, 1899, relative to the Disposal of Real and Personal Property ...	½*d.*

COLONIAL OFFICE REPORTS.

The following Reports relating to H.M. Colonial Possessions issued since 1st January, 1902, may be purchased from Messrs. Eyre & Spottiswoode, East Harding Street, Fleet Street, E.C.:—

Annual.

No.	Place.	Price.
346	Northern Nigeria	1*s.* 10*d.*
347	British Solomon Islands	1½*d.*
348	Lagos	2*d.*
349	British Guiana	2*d.*
350	St. Vincent	2*d.*
351	Jamaica	3½*d.*
352	Cocos Islands	1½*d.*
—	Cyprus	3*d.*
353	Southern Nigeria	1½*d.*

THE COMMERCIAL INTELLIGENCE BRANCH

OF THE

BOARD OF TRADE.

The Intelligence Branch of the Commercial Department of the Board of Trade has been established with a view to meet the constantly increasing demand for prompt and accurate information on commercial matters, so far as it can be met by Government action. In deciding to establish this new branch, the Board of Trade were largely influenced by the recommendations contained in the Report* of a Departmental Committee composed not only of representatives of the various Government Departments concerned, but also of prominent representatives of commercial interests, which was appointed in July, 1897. The Committee referred to was requested to consider and advise (1) as to the best means of collecting and of disseminating among those interested prompt and accurate information upon commercial subjects, and (2) as to the collection of samples, especially of goods of foreign manufacture competing with British productions, and the exhibition of such samples to manufacturers and traders in this country. As a result of their deliberations the Committee recommended under head (1) the establishment of a new office, under the Board of Trade, on lines which the Board have followed generally in the creation of the Intelligence Branch, and this Branch is consequently intended to become a centre at which information on all subjects of commercial interest shall be collected and focussed in a form convenient for reference. In addition, it is the duty of the Branch, as far as circumstances permit, to afford information in reply to all inquiries on commercial matters which may be addressed to it, whether written or verbal.

The office, which is temporarily housed at No. 50, Parliament Street, London, S.W., was opened on the 23rd October, 1899; its principal officer (under the Controller-General of the Commercial, Statistical, and Labour Departments of the Board of Trade) being Mr. T. Worthington, who recently acted as Special Commissioner to the Board in an inquiry into the condition and prospects of British trade in certain South American countries. The "Intelligence Branch" will endeavour, on application being made to it, to supply information with regard to the following subjects, viz.:—*Commercial Statistics; Matters relating to Foreign and Colonial Tariffs; Excise and "Consumption" duties; Port, Harbour, and Tonnage dues, and other charges on Shipping; Customs Regulations; Consular Fees; Forms of Certificates of Origin; Regulations concerning Commercial Travellers; Trading Licenses; Foreign and Colonial Contracts open to Tender; Foreign and Colonial Bounties; Lists of Firms abroad engaged in particular lines of business in different localities, &c., &c.* An inquiry Room, at which copies of official publications, directories, and other works of reference may be consulted, is reserved at the offices of the Branch for the convenience of personal applicants.

The "Board of Trade Journal" is the principal medium through which intelligence collected by the Branch and intended for general information is conveyed to the public. The Journal, which, up to the close of 1899, was issued monthly at the price of 6*d.*, is now issued weekly at the price of 1*d.*

* Parliamentary Paper C. 8,962 of 1898, to be obtained through Messrs. Eyre and Spottiswoode's office for the sale of such documents, in East Harding Street, Fetter Lane, London, E.C., price 2½*d.*

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Edited by the Commercial Department of the Board of Trade.

JUNE 26, 1902.

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CONTRACTS.

E. R.

HARBOUR CONSTRUCTION.

Tenders will be received at the office of the Engineer-in-Chief, Adelaide, South Australia, up till noon of Tuesday, the 30th September, for the construction of a harbour at Light's Passage, Port Adelaide, South Australia.

Drawings and specifications can be seen and forms of tender obtained at the offices of the Engineer-in-Chief, Adelaide, and at the office of the Agent-General for South Australia, 1, Crosby Square, London.

Copies of the drawings and specification can be obtained on the payment of the sum of £5 per set, which amount will be returned to unsuccessful tenderers, who have sent in a bona fide tender, on return of the documents in good condition within one week from date of notice of non-acceptance of tender.

Tenders should be endorsed "Tender for harbour, &c., Port Adelaide," and must be accompanied by an Adelaide bank deposit receipt for £100, or a cheque on an Adelaide bank for a like amount marked "Good for a week," in favour of the Engineer-in-Chief.

Neither the lowest nor any tender necessarily accepted.

H. ALLERDALE-GRAINGER,
Agent-General.

RESULT OF TENDERS.

ASHBORNE.—For supply of about 1,900 tons, more or less, of best screened gas coal or washed nuts, for the Ashborne Gas Company. Accepted tenders:—Midland Coal, Coke, and Iron Company, Limited, Apedale, Newcastle, Staffs., 14s. 9d. and 13s. 8d. per ton; J. Settle, Alsager, Stoke-on-Trent, 14s. 2d. and 13s. 8d.; Grassmoor Company, Limited, Chesterfield, 14s.

BAKEWELL.—For supply of 800 tons of screened gas coal, 300 tons of gas pea nuts, and 100 tons of cannel, for the Bakewell Urban District Council. Accepted tenders:—Clay Cross Colliery, Clay Cross, 200 tons, 10s. per ton; Nunnery Colliery, Sheffield, 350, 14s. 4d.; Grassmoor Company, Chesterfield, 300, 12s. 9d.; T. Wright, Darley Dale, 100, 15s. 5d.; G. and J. Wells, Evington, 350, 14s.

COSTESSEY (near NORWICH).—For erection of an iron footbridge for the Forehoe Rural District Council. Gunton and Palmer, Costessey, £63 10s. (accepted).

ENFIELD.—For supply of cast-iron water-pipes and specials for the Urban District Asylum. Stanton Ironworks Company, Stanton, near Nottingham, 9 in., £5 6s. 6d. per ton; 6 in., £5 6s. 6d.; 4 in., £5 10s.; 3 in., £5 17s. 6d.; specials £10 (accepted).

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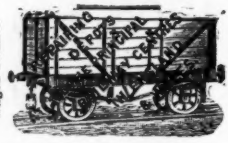

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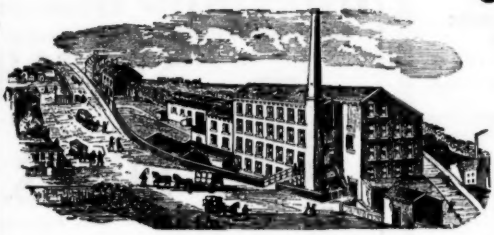

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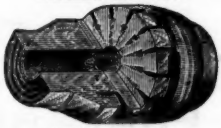

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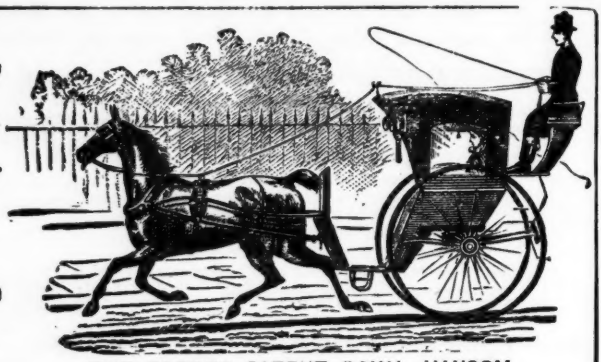

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Thomson, David, Ld., Engineers, Slateford Road, Edinburgh. Speciality:—Bread and Biscuit Machinery .. ..

Brewers' Engineers—
Briggs, S., & Co., Burton-on-Trent ..
Smith, John, & Co., Derby .. ..

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Hartshill Brick & Tile Co., Stoke-on-Trent (Garden Tiles, Roof Tiles, Ridge Tiles, Paving Tiles, Finials, & Ventilating Bricks, Ridges, &c.) ..
Pearson, E. J. & J., Stourbridge ..
Woolliscroft, G., & Son, Ld., Hanley, Staffs
Wyndham & Phillips, Ruabon, North Wales .. ..

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Lee & Hunt, Nottingham .. ..
Russell, J., & Sons, Wednesbury ..

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White, R., & Sons, Widnes .. ..
Whiteley, William, & Sons, Lockwood, Huddersfield .. ..
Whittingham & Porter, Hull .. ..
Woodhouse & Mitchell, Brighouse, Yorkshire .. ..

Engine Packings—
Boardman Bros., Manchester .. ..
Frictionless Engine Packing Co., Ltd., The, Harpurhey, Manchester .. ..
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Engine Roll Bars—
Crookes, Roberts & Co., Sheffield ..

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Confectioners' Vegetable Colours & Fruit Essences Co., Ltd., The, London, N.E.
Idris & Co., Ltd., London, N.W. ..
London Essence Co., Camberwell, S.E.

Essential Oils—
Evans, Sons, & Co., Liverpool ..
London Essence Co, Camberwell, S.E.

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Defries & Son, Limited, London, E. (Pasteur Chamberland Filter)
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Craig, J. & M., Ltd., Kilmarnock (Sinks) ..

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Hounsell, H. E., Bridport .. ..

Fishing Nets—
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Dean, J., London, S.W. 19
Piggott Bros., & Co., London, E.C. ..

Flannel Manufacturers—
Kelsall & Kemp, Limited, Rochdale ..

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Forks—
Hardy Patent Pick Co., Ltd., Heeley, Sheffield .. ..
Thornton, Geo., & Co., Birmingham ..

Forwarding Agents—
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Freight Brokers—
Wingate, W., & Johnston, London, E.C.

Fruit Essence Manufacturers—
Confectioners' Vegetable Colours and Fruit Essences Co., Ltd., London, N.E. 18
London Essence Co., Camberwell, S.E.

Furniture—
Gough, John, & Co., Manchester ..

Furniture Trade Printers—
Smily & Shaw, London, E.C. .. ..

Galvanized Iron Manufctrs.—
Ash, Joseph, & Son, Birmingham ..
Pontnewynydd Sheet and Galvanizing Co., Ltd., The, Pontypool, Mon. ..

Galvanized Iron Roofing, Nails, Screws, and Washers—
Shaw, Henry, & Sons, Birmingham ..

Galvanized Wire Netting—
Barnard, Bishop, & Barnards, Ltd., Norwich .. ..

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Walker, Harrison & Garthwaites, Ltd., London, E. 3

Garden Furniture—
Barnard, Bishop, & Barnards, Ltd., Norwich .. ..

Gas Fittings & Chandelier Mfrs.—
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Gas Governors—
Shaw, Joseph, Huddersfield .. ..

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Barnard, Bishop, & Barnards, Ltd., Norwich .. ..

Gauge Glasses—
Butterworth Bros., Newton Heath, Manchester .. ..
Tomey & Sons, Perth .. .. ..

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Salter, George, & Co., West Bromwich ..

Gear Cutter—
Chidlaw, Robert, 43, City Road, Manchester.. .. ..

Gear Wheels—
Barry, Henry, & Co., Ltd., Aberdeen ..

Gig Saddle-tree Makers—
Stanley Elijah, & Sons (Stanley's Patent), Walsall .. ..

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Gin Distillers—
Hills & Underwood, London, E.C. ..

Ginger Ale—
Ross's Royal Belfast Ginger Ale. Aerated and Mineral Waters for Export and Ship's Stores. Ross, W. A., & Sons, Ltd., Belfast .. ..

Girders (Iron and Steel)—
Scott, Walter, Ltd., Leeds .. ..

Glass and Emery Paper—
Dalton, J. & E., New Mills, nr. Stockport .. 3
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Glass Bottles—
Cannington, Shaw, & Co., Limited, St. Helens .. ..

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Glass Manufacturers—
London & Manchester Plate Glass Co., Limited, Sutton, St. Helens .. ..
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Stevens, James & Son, Birmingham ..

Glass Works—
Stevens, James, & Son Birmingham ..

Glazed Bricks—
Woolliscroft, G., & Sons, Limited, Hanley, Staffs. .. ..

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Craig, J. & M., Limited, Kilmarnock ..

Glaziers' Diamonds—
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Price's Patent Candle Co., Limited, London, S.W. 17

Gold and Silver Jewellery—
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Golf Balls—
Henley's, W. T., Telegraph Works Co., Limited, London, E.C. ("Melfort" and "Henley") .. ..

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Granite Merchants & Manufrs.—
Whitehead, John, & Sons, London, S.W.

Grease Manufacturers—
Cawood, W., & Sons, Sculcoates, Hull
Smith, Alfred, Clayton, Manchester ..
Smith & Forrest, Holt Town, Manchester
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Grinding Machinery—
Baker, Joseph, & Sons, London, E.C...
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Hardy Patent Pick Co., Limited, Heeley, Sheffield .. ..

Grinding & Polishing Machry.—
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Luke and Spencer, Ltd., Broadheath, Manchester (Makers of various forms of)

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Hardwood Merchants—
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Liverpool Silver & Copper Co., Ltd., Liverpool .. ..

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Crompton, Thos., Ashton, nr. Wigan ..
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Hoes—

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Willcox, W. H., & Co., Ld., London, S.E

Hollowware—

Ash, Joseph, & Son, Birmingham ..

Hoop Iron Manufacturers—

Wilcock & Jones, Rotherham .. ..

Horse Clothing Manufacturers—

Roantree & Son, Middleham, Yorks ..

Hose—

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Waller, George, & Co., London, E.C. ..

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Manlove, Alliott & Co., Limited, Nottingham .. ..

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Parkgate Iron and Steel Co., Ltd., Rotherham .. ..

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Linoleum Manufacturing Co., Ltd., London, E.C. .. ..

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Liquorice Wafers—
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Lubricants—
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Kellogg, E. H., & Co., Liverpool ..
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Willcox, W. H., & Co, Ld., London, S.E.

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Smith, John, & Co., Derby .. ..

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Lee & Hunt, Nottingham.. .. ..
Midland Manufacturing Co., The, Ltd., Sheffield .. ..
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Millin & Rankin, Belfast .. .. ..

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Bullers, Limited, London, E.C... ..

Mortice Furniture—
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Oxfords Manufacturers—
Anderson, D. & J., Bridgeton, Glasgow

Oxides—
Warwick Bros., Hulme, Manchester ..

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Scotch and Irish Oxygen Co., Ltd., Glasgow .. ..

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Burney & Co., Ltd., Millwall, London, E. ... .

Paint Manufacturers—
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Evans, Stott & Co., Liverpool .. ..
Johnson, J. H. & S., Liverpool .. ..
Parker & Lester, London, S.E. (Antimony Paint) .. ..
Peacock & Buchan, Ltd., Southampton
Szerelmey & Co., London, S.E... ..
Wilkinson, Heywood & Clark, Ltd., London, E. .. ..

Paint Removers—
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Hodgkinson, W. S., & Co., Wells, Somerset .. ..
Howard, Wm., & Son, Chartham Mills, Canterbury .. ..
Jackson, H., Oakenclough Mills, Garstang, Lancs. .. ..
Jones, S., & Co., London, E.C. (Gummed Papers) .. ..
Joynson, William, & Son, St. Mary Cray, Kent .. ..
Manchester Wax and Oil Paper Co., Manchester.. .. .. ..
Olive & Partington, Manchester ..
Richardson, W. H. & A., Jarrow-on-Tyne .. ..

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The Kellner Partington Paper Pulp Co., Ltd., Manchester .. .. ..
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Tullis, R., & Co., Markinch, Fife, N.B...

Paper Makers' Steel & Bronze Tools—
Makin, Wm., & Sons, Attercliffe, Sheffield .. ..

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Minton Hollins & Co., Stoke-on-Trent ..
Towers & Williamson, Little Bytham, Grantham (Adamantine Clinker) ..
Woolliscroft, G., & Son, Limited, Hanley, Staffs. .. ..

Pen Manufacturers—
Brandauer, C., & Co., Birmingham ..
Gillott, J., & Sons, Birmingham ..

Perfumers—
London Essence Co., Camberwell, S.E.

Petroleum—
Anglo-American Oil Co., Ltd., London, E.C. .. ..

Petroleum Jelly—
Cawood, W., & Sons, Sculcoates, Hull..

Phosphor Bronze—
Billington & Newton, Longport, Staffs...
Phosphor Bronze Co., Ltd., Southwark, S.E. .. ..

Photo Etchers—
Swain, John, & Son, Ld., London, E.C. Cover

Photographers—
Russell, J., & Sons, 17, Baker Street, W.

Photographic Apparatus, Materials and Plates—
Mawson & Swan, Newcastle-on-Tyne..
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Hardy Patent Pick Co., Ltd., Heeley, Sheffield .. ..
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Butterley Co., Ltd., The, Derby

Plate Glass Manufacturers—
London & Manchester Plate Glass Co., Limited, Sutton, St. Helens
Robinson, J. B., London, E.C.

Platinum—
Derby & Co., 44, Clerkenwell Road, London, E.C.

Poles, Telegraph—
Bullers, Limited, London, E.C.

Polishes—
Jackson, James, 213, Union Street, London, S.E.

Porcelain Paint—
Szerelmey & Co., London, S.E.

Portable Forge Manufacturers—
Hardy Patent Pick Co., Ltd., The, Heeley, Sheffield
Harrop, Absalom, Sheffield

Preservative for Stone, &c.—
Szerelmey & Co., London, S.E.

Printers, Publishers, and Engravers—
Sheppard & St. John, London, E.C.
Smily & Shaw, London, E.C.

Printing Ink Manufacturers—
Blackwell & Co., London, E.C.
Coates Bros. & Co., London, E.C.

Printing Machines—
Jardine, John, Nottingham

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Baumgartner, J. F., & Co., London, W. ("La Brilliantine" Metallic Powder)
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Ransome & Marshall, Liverpool
Simpson, Jas., & Co., Ld., London, S.W.

Pumps—
Pulsometer Engineering Co., Ltd., The, Reading and London
Willcox, W. H., & Co., Ld., London, S.E.

Quarry and Mining Tools—
Hardy Patent Pick Co., Ltd., The, Heeley, Sheffield
Makin, Wm., & Sons, Attercliffe, Sheffield

Quarry Owners—
Freeman, J., Son & Co., London, W.
Woolliscroft, G., & Son, Limited, Hanley, Staffs

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Johnson, J., Hodgkinson & Pearson Limited, Manchester

Quiltings and Piques—
Johnson, J., Hodgkinson & Pearson, Limited, Manchester

Rabbit Traps—
Priest, B., & Sons, Oldhill Staffs.

Rail Fittings—
Williams, Thomas, & Sons, Halesowen, Birmingham

Railway Appliances—
Saxby & Farmer, Limited, Canterbury Road, London, N.W. (Railway Signals, &c.)
White, R., & Sons, Widnes

Railway Brass Foundry—
Hoskins & Sewell, Ltd., Heath Mill Lane, Birmingham

Railway Carriage and Wagon Builders—
Ashbury Railway Carriage & Iron Co., Manchester
Cravens, Ltd., Darnall, Sheffield

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Cowdy, J., & Co., London, E.C.

Railway and Ship Lamps—
Cowdy, J., & Co., London, E.C.

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White, R., & Sons, Widnes

Railway Spikes—
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White, R., & Sons, Widnes

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Scotch and Irish Oxygen Co., Ltd., Glasgow

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Haslam Foundry and Engineering Co., Limited, The, Derby
Pulsometer Engineering Co., Ltd., The, Reading and London

Refuse Furnace—
Horsfall Destructor Co., Ltd., Leeds

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Stevens, J., & Son, Birmingham

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Brennan, Sidney J., 110, Leadenhall Street, London, E.C.

Rings and Springs—
Buckley, Wm., & Co., Millsands, Sheffield

Rivet, Bolt, and Nut Manfrs.—
Cooper, Henry & Co., Sheffield
Gadd, Thos., Rowley Regis, Dudley
Nettlefolds, Ltd., Birmingham
Perlam, H. W., Birmingham
Priest, B., & Sons, Oldhill, Staffs.
Shaw, Henry, & Sons, Birmingham
Williams, Thomas, & Sons, Halesowen, near Birmingham

Rock Drills—
Hardy Patent Pick Co., Limited, The, Heeley, Sheffield

Roller Bearings for Rolling Stock—
White, R., & Sons, Widnes

Rolling Mill Machinery Mkrs.—
Jones, George, Ltd., Birmingham

Roof Glazing—
Grover & Co., Ltd., London, N. 12
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Roofing Felt—
Engert & Rolfe, London, E. 1
McNeill, F., & Co., London, E.C.
Portable Building Co., Manchester

Roofing Manufacturer—
Faldo, Thomas, London, S.E.

Roofing (Patent)—
Grover & Co., Ltd., London, N. 12

Roofing Tile Machinery—
Woolliscroft, G., & Son, Ltd., Hanley, Staffs.

Roofing Tiles—
Hartshill Brick & Tile Co., Stoke-on-Trent
Woolliscroft, G., & Son, Ltd., Hanley, Staffs.

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Marsh, P., & Sons, Liverpool and Calcutta

Saddlers' Ironmongery—
Stanley, Elijah & Sons, Walsall ..

Saddlery, Harness, &c., Mfrs.—
Boulnois, W. & E., Baker Street Bazaar, London, W. .. ..
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Safe Manufacturers—
Hobbs, Hart, & Co., Ltd., London, N. ..

Safety Fuse Manufacturers—
Nobel's Explosive Co., Ltd., Glasgow ..

Salt—
Bumsted, D., & Co., London, E.C. (Bumsted's Sea Salt) .. .. ..

Sanitary Appliances—
Craig, J. & M., Ltd., Kilmarnock (Drain Pipes and Traps, Sanitary Earthenware, W.C. Basins, Urinals, and Washdown Closets, Enamelled Sinks) ..
Defries & Sons, London, E.C. (Pasteur Chamberland Germ Filter) .. ..

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Sanitary Fittings—
Buick, Charles, & Sons, Alloa .. ..

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Peacock & Buchan, Ltd, Southampton.

Sanitary Potters—
Craig, J. & M., Ltd., Kilmarnock ..
Wyndham & Phillips, Ruabon, North Wales .. ..

Sanitary Specialities—
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Saw and File Manufacturers—
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Shaft Cutter Manufacturers—
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Barry, Henry & Co., Aberdeen .. ..
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Woodhouse & Mitchell, Brighouse, Yorks.

Sheep Dip—
Bigg, Thomas, 11½, Great Dover Street, London .. ..

Sheers—
Day, Summers & Co., Ltd., Southampton

Sheet Iron Manufacturers—
Pontnewynydd Sheet and Galvanizing Co., Ltd., The, Pontypool, Mon. ..

Shipbuilders—
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Slipway Machinery—
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Shuttleworth, W. S., & Co., London, E.C...

Telegraph Engineers—
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Hall, Robert, & Sons, Bury, Ltd., Bury

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Textile Manufacturers—
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Connolly, J. W. & T., London, N. ..

Valves for Compressed Gases—
Scotch and Irish Oxygen Co., Ltd., Glasgow .. ..

Varnish Manufacturers—
Blundell, Spence & Co., Limited, London, E.C., and Hull .. ..
Cawood, W., & Son, Sculcoates, Hull (Black Varnish, £5 10s. per ton in barrels for any part) .. .. ..
Flack, Henry, London, S.E. 3
Jackson, T. S., & Sons, London, S.E.
Palmer, W. H., & Co., London, E.C.
Parker & Lester, London, S.E. (Parker's Imperial Black) .. ..
Smith, Alfred, Clayton, Manchester..
Smith & Forrest, Holt Town, Manchstr...
Wilkinson, Heywood & Clark, Ltd., London, E... .. ..

Vegetable Colours—
Confectioners' Vegetable Colour and Fruit Essences Co., Limited, The, London, N.E. .. ..
London Essence Co., Camberwell, S.E.

Ventilators—
Howorth, James, & Co., Farnworth, near Bolton .. .. ..
Schiele Union Engineering Co., Ltd., Manchester .. ..

Vinegar Makers—
Hills & Underwood, London, E.C. ..
Holbrooks, Ltd., Ashted Row, Birmingham .. .. Cover

Vulcanized Fibre Manufrs.—
Cort, A., & Co. Camberwell, London ..

Wagon Cover Manufacturers—
Piggott, Bros., & Co., London, E.C. ..

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Wagons—
North Central Wagon Co., Ltd., Rotherham .. ..

Wall Papers—
Knowles, Chas. & Co., Chelsea, S.W. ..

Waste Newspapers and Journals (Exporters of)—
Soanes, Wm., Temple Chambers, London

Watch and Clock Mfctrs.—
Abrahams, Barnett H., London, E.C...
Carley, George, & Co., 30, Ely Place, London, E.C. .. ..
Clemence Frères, 30, Ely Place, London, E.C. .. ..
Cooper, H. J., & Co., Ltd., London, E.C.
Dent, M. F., & Co. (to the Queen), 33 & 34, Cockspur Street, London ..
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Usher & Cole, London, E.C. .. ..

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Piggott Bros., & Co., London, E.C. ..

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Whiteley, Wm., & Sons, Lockwood, Huddersfield .. ..

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Connolly, J. W. & T., London, N. .. 3
Remer & Co., Limited, Bedford Place, Liverpool 22

Wheels and Axles—
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Hardy Patent Pick Co., Ltd., Heeley, Sheffield .. ..
Orenstein & Koppel, London, E.C. ..

White Lead Manufacturers—
Blundell, Spence & Co., Limited, London, E.C., and Hull.. .. ..
Mersey White Lead Co., Limited, Warrington .. ..
Wilkinson, Heywood & Clark, Ltd., London, E. .. ..

Window and Plate Glass—
Jacobs Bros., 11, Billiter Square, E.C...

Window Blind Manufacturers—
Dean, J., London, S.W. 19

Wine and Spirit Merchants—
Chaplin, W. H., & Co., Ltd., London, W.C. .. ..
Crawford, Daniel, & Son, Limited, Glasgow 13
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Distillers Co., Ltd. (The Edinburgh "D C L" Whisky and Gin) .. ..
Godsell, F. H., London, E.C. (Agent for Pellisson Pere & Co., Cognac) ..
Hills & Underwood, London, E.C. ..
Morgan & Co., Hamburg 15

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Cradock, G., & Co., Wakefield .. ..
Dugard Bros., Birmingham (Brass and Copper) .. ..
Houghton, W. D., Warrington .. ..
Nettlefolds, Ltd., Birmingham (Wire Nails, Rods, Bars, Hoops, &c.) ..
Power, F. A., & Son, Saltley, Birmingham .. ..
Ramsden, Camm & Co., Ltd., Brighouse, Yorks .. ..
Shipman, J., & Co., Attercliffe, Sheffield
Smith, Frederick, & Co., Wire Manufacturers, Limited, Halifax .. ..

Wire Mill Machinery Makers—
Jones, George, Ltd., Birmingham ..

Wire Rope Manufacturers—
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Houghton, W. D., Warrington .. ..
Lewis, Joseph, 5 and 6, Great Winchester Street, London, E.C. .. ..
Ramsden, Camm & Co., Ltd., Brighouse, Yorks .. ..

Wire Ropeways—
White, R., & Sons, Widnes .. ..

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